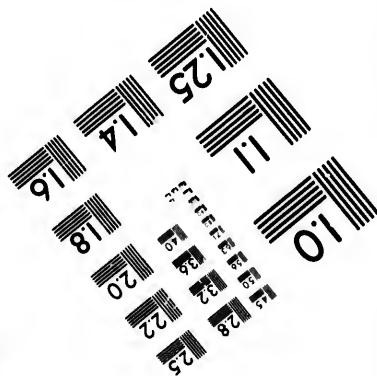
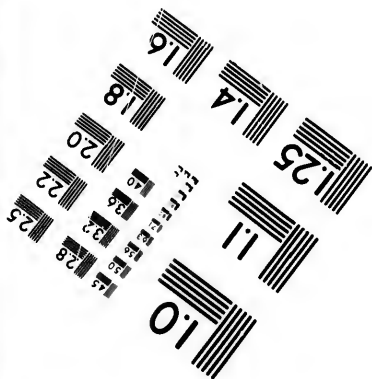
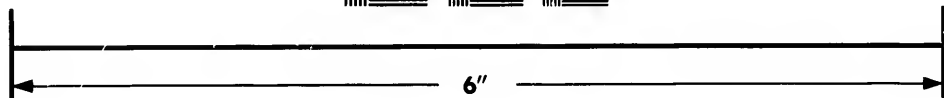
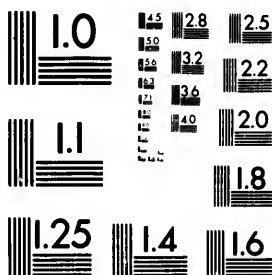


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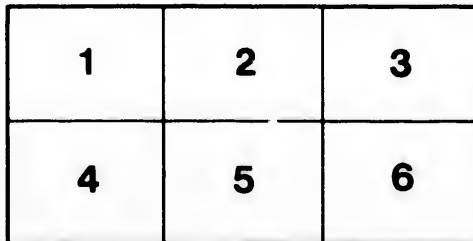
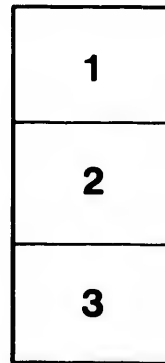
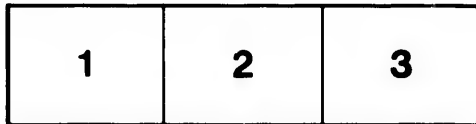
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ANNUAL REPORTS

— OF THE —

CORPORATION

— OF THE —

City of **V**ictoria

— FOR THE —

YEAR ENDING 31st DECEMBER,

1890.

JOHN GRANT, MAYOR.

VICTORIA, B. C.

JAS. A. COHEN'S ELECTRIC PRINTING WORKS, 38 FORT ST.  
1891.



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—OF THE—

**Members of the Municipal Council**

FOR THE YEAR 1890.

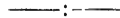


**JOHN GRANT, - Mayor.**



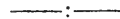
**ALDERMEN FOR YATES ST. WARD.**

SAMUEL LEONARD KELLY,  
LOUIS VIGELIUS,  
W. D. MCKILLICAN



**ALDERMEN FOR JOHNSON ST. WARD.**

LAWRENCE GOODACRE  
JOHN ROBERTSON,  
JOSHUA HOLLAND.



**ALDERMEN FOR JAMES BAY WARD.**

JAMES BOLTON HARRISON,  
A. J. SMITH,  
WILLIAM WILSON.

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# Mayor's Report.

VICTORIA, January 10th, 1891.

To the Electors of the City of Victoria.

LADIES AND GENTLEMEN :—

I have again the honor to present to you the reports of the several Committees of your Board of Aldermen, Financial Statements, and Officers' Reports for the year just closed.

It is gratifying to all of us to find that so much has been done in the way of improving the city during the last year, by the erection of a much larger number of buildings than ever was attempted before for any one year, costing from \$1,100,000 to \$1,200,000. Many of them are very far superior to those erected in the past. With the continued growth of your fair city it is to be expected that still more handsome and attractive edifices will present themselves in the near future, taking the place of old wooden ones which now mar the beauty of some of our most spacious streets. It is a source of satisfaction to all of us that no undue real estate "boom" has landed in Victoria, at the same time a strong healthy advance in that class of property has obtained; the increase of values being in cases 400 and 500 per cent. While it is true that city values are much more than they were a year ago, and the volume of business has been most satisfactory to our merchants, yet it behooves all to make still greater efforts to maintain for Victoria that proud position which our city enjoys of being the "gem" of this western portion of the Dominion of Canada.

It is somewhat unfortunate that the extension of the city limits did not take place at a date that would have enabled the Corporation to have levied taxes, upon the property taken in, for the current year. It is to be hoped, however, that the Government will appropriate to the Municipality a sum commensurate with the taxes imposed and to be collected on the newly acquired territory.

I consider it desirable that full values of the City property should appear on the Assessment Roll. The rate both on land and improvements could be adjusted so that no more may be demanded from property owners than the requirements of the city call for. It is only fair to the Corporation itself, that the values of property, as a Corporation, should be made known; especially is this wise when the city goes into the money market to borrow, as the more value of property that becomes hypothecated the better security, consequently money can be had at a lower rate of interest.

Up to the passing of the Sewerage Loan, some seventeen loans have been floated by the Corporation aggregating about \$640,000, bearing interest from five per cent up to eight. This condition of the finances should not exist. The whole loans to that time should be consolidated, then the city as a borrower would be listed on the market and its credit known. The Municipal Act ought to be amended in this direction.

A better system of handling the Sinking Fund laid aside to meet the ultimate payment of debentures should be provided. As it is now, the city sells its money at a very much smaller price than it can buy it for.

A considerable overdraft to be met exists at the City's bank. The annual expenditure by the Council for 1890 over its revenue has been in the vicinity of \$8,000. This has been caused principally by the payment of nearly that sum toward the completion of the Johnson Street sewer over and above the loan voted for that purpose by the ratepayers. Then again

there has been paid to the Provincial Governm ... over \$9,000 as a special school impost which was not contemplated, in addition to a considerable sum paid in damages in consequence of the cutting down and improving streets with its attending law expenses, an outlay which was not contemplated at the beginning of the year.

So far the Council have not been able to dispose of the sewerage, market and crematory debentures, aggregating \$410,000, at a price satisfactory. This condition exists on account of the financial storm that has passed over the money centres during the last three months. It is to be hoped that at an early day the Corporation will be able to dispose of them at a figure which will prove that the credit of this city is second to none in the Dominion, a position that Victoria has a right to claim.

The most important work that the incoming Council will be called on to deal with is the sewerage of this city. It is gratifying that the ratepayers have by so large a vote placed a sum of money in the hands of the Councils to have this necessary improvement carried out. The Commissioners who have kindly consented and have been duly appointed to assist in this work will, I feel sure, give to the citizens confidence that the work will be prosecuted in the best possible manner.

It is to be wished that the ratepayers of this city will assist an incoming Council, if they so desire, to improve and beautify Beacon Hill Park. Nothing that could be done by the Council would tend to make Victoria so attractive as money properly expended on our "Park." By many of the most flourishing of the American cities large sums of money are expended yearly for this purpose.

I beg to mention one other very important matter that an incoming Council should take up, that is an increased supply of water for the city. Mr. Commissioner and myself considered this question in all its bearings and have come to

the conclusion that five times the present supply can be obtained in the city at a small cost. An increased supply is necessary so that manufacturing establishments can be furnished with as much water as they require. To prevent me from taking up too much space in connection with the different branches of the Municipal Government, I beg to refer you to the published reports herewith.

Whatever difference of opinion may have existed at the Aldermanic Board during the year just closed, I feel sure that it only obtained from an earnest wish on the part of each Alderman to do the best possible in the interests of the City, and I have to thank them for their kindness and consideration extended to me during the year.

Respectfully submitted,

JOHN GRANT,

Mayor.

## Report of Sewerage Committee.

---

To His Worship the Mayor and Board of Aldermen.

GENTLEMEN,

Your Sewerage Committee beg to report as follows:—

A premium of \$2,000 was offered by advertisement, in March, for such plans as might be approved of by the Council. The date for the reception of plans was the 1st of May; the time was subsequently extended to the first of June.

A By-law appointing Messrs. J. H. Turner T. Earle and J. Teague, sr., as Sewerage Commissioners was passed on the 3rd day of September.

Nine sets of plans were received, viz:—two from England, two from New York, three from Ontario and two from British Columbia.

After a careful examination of all the above, your Committee unanimously decided in favor of the plans submitted by Mr. Mohun, of Vancouver, but recommended that an expert should be employed to examine and report upon the plans submitted; the choice of the Council fell upon the eminent sanitary engineer Mr. Rudolph Hering, who, after a thorough examination of the ground and the various plans submitted, reported in favor of the adoption of Mr. Mohun's plans, as a whole, with one or two alterations in matter of detail. These plans were accordingly accepted by the Corporation, and in September Mr. Mohun was appointed Chief Engineer of the proposed works.

Plans and specifications for the sewerage of a portion of the City, colored red on the accompanying plan, were prepared, and were on view to contractors on and after the 15th November last.

The following tenders were received :—

1. H. F. Keefer . . . . .	\$349,117	40
2. H. H. Macdonald . . . . .	\$351,091	19
3. P. C. Dunlevy and T. F. Sinclair . . . . .	\$471,860	41
4. Bays & Jeffery . . . . .	\$361,808	98
5. Elford & Smith . . . . .	\$418,428	99 $\frac{1}{4}$
6. Donald McGillivray . . . . .	\$320,228	92
7. Alexander McBean . . . . .	\$249,970	44 $\frac{3}{4}$

and were opened in the presence of the Sewerage Commissioners.

Enquiry having been made as to the standing of Mr. Alexander McBean and his securities, the contract was let to that gentleman for the sum of two hundred and forty-nine thousand nine hundred and seventy and  $\frac{44\frac{3}{4}}{100}$  dollars, and was signed on the 20th December last.

During the time occupied as above various surveys have been made, and a large number of permanent bench marks established.

It was found necessary to obtain a right of way through that portion of the Douglas Estate at Clover Point, known as Block 82, the price agreed upon for the purchase of this right of way was \$1000.

In order to avoid a very heavy outlay in constructing a main sewer on Humboldt street, it was thought advisable to take an alternative line through the low land to the south of that street. The owners of the land were accordingly approached on the subject; Mr. McTavish very generously offered the land free to the Corporation, provided the latter would make connections to his buildings. The other parties

did not, however, respond in the same spirit ; the Sisters demanded \$1000 for the right of way through their property, although if the sewer is placed on Humboldt street the cost to them of making the necessary connections will be several hundred dollars. Mr. Henderson, through two of whose lots the proposed sewer runs, asks \$500 for crossing a lot which it will benefit, and \$650 for crossing one which it will injure. The authorities of the Reformed Episcopal Church have taken no notice of the application made to them by your engineer.

Under these circumstances it becomes a matter for consideration, whether application should not be made to the Legislature for power to expropriate land for sanitary purposes, provided such power is not already conferred upon the City Council by the charter.

By resolution of the City Council it was determined that house connections should be made with the sewers, while the latter were under construction ; these connections were to be carried up to the street line for each lot or building, thereby obviating the necessity of breaking up the street in future.

Provision will have to be made for the expenditure incurred on these connections.

One of the competitors for the premium, a Mr. Keen, being dissatisfied with the award of the Council and Mr. Her-ring, brought an action against the former to recover the premium ; judgment was given against him with costs.

All of which is respectfully submitted.

J. B. HARRISON,  
W. D. MCKILLICAN,  
A. J. SMITH,  
J. HOLLAND,  
L. GOODACRE,  
S. L. KELLY.



## Report of the Sanitary Committee.

---

VICTORIA, B. C., January 5th, 1891.

To His Worship, the Mayor and Board of Aldermen.

GENTLEMEN,

We beg to submit the following report on sanitary matters.

We are pleased to state that the City during the past year has been free from any serious epidemic, and, on the whole, has been in a very healthy state, comparing, as regards healthfulness, favorably with any City in the Dominion.

The streets have been, at times, not as clean as they ought to have been, but this has been on account of lack of the requisite funds. (The work required has been in many cases so pressing that your Committee have felt necessitated to exceed the estimate at their disposal by \$231.)

Desiring as we do, that Victoria's reputation should always be "the cleanest City on the Pacific Coast," your Committee would recommend that an appropriation of at least \$6,500 be given for the present year for sanitary purposes, instead of \$4,500 as was appropriated last year, as the great increase in the amount of traffic on the streets, makes it impossible to keep the streets thoroughly clean by the expenditure, simply, of the latter sum.

Your Committee would specially recommend that steps be taken as soon as possible to fill in the tidal land known as James Bay Flats, as at present the obnoxious vapors arising therefrom are deleterious to health, and constitute a nuisance that should have been abated before now.

J. B. HARRISON, Chairman,	} Sanitary Committee.
W. D. MCKILLICAN,	
J. HOLLAND.	

## Report of the Sanitary Officer.

---

To His Worship, the Mayor and Board of Aldermen.

GENTLEMEN,

I have the honor to report upon the sanitary condition of the City.

From the 1st of January to December 31st, 1890, a marked improvement in the sanitary condition of the City is noticeable.

During the year a large majority of the inhabitants, I am glad to state, take interest in conforming with the Sanitary By-Law.

A large number of buildings have had placed upon their premises new drain pipes, and have done everything required to render them healthy.

Every possible precaution has been taken to prevent sewage from passing through the Johnson street ravine, all drainage matter having been diverted from said ravine, and now emptying into the common sewer.

I beg to call your attention to the fact that the streets, as a whole, are being kept in a fair condition. Your sanitary officer would recommend a larger sum than has been hitherto appropriated for sanitary purposes.

I have up to the present date served 538 notices, after personal inspection; have had to serve only seven summonses for nuisances.

## BOX DRAINS LAID DURING THE YEAR.

Yates Street Ward .....	1,905 feet.
Johnston Street Ward .....	5,304
James Bay Ward .....	4,761
	<hr/>
	11,970

Over two miles of box drains in length.

I trust the performance of my duties has met your general approval.

I have the honor to be, Sir,

Your obedient servant,

B. BAILEY,

Sanitary Officer.

## Health Officer's Report.

VICTORIA, B. C.,

• 1st January, 1891.

To His Worship the Mayor and Board of Alderman :

GENTLEMEN :—

I herewith submit my annual report for the past year—ending 31st day of December.

It is gratifying to note, although we had a visitation of la grippe last winter, and that the fact that the City has increased in a marked degree in population, there were only twenty-four interments more than last year, while of this number a larger proportion than usual were from drownig and other accidents

The following are the number of interments in Ross Bay cemetery, furnished monthly by me to the Dominion statistical officer at Ottawa :

1890.	January . . . . .	39
	February . . . . .	19
	March . . . . .	31
	April . . . . .	21
	May . . . . .	14
	June . . . . .	25
	July . . . . .	19
	August . . . . .	39
	September . . . . .	23
	October . . . . .	21
	November . . . . .	19
	December . . . . .	16
	Total . . . . .	286

Taking the population at 22,500 inhabitants, the death rate is about 12 deaths for every 1000. This death rate is much lower than any former year in which statistics have been kept.

Deaths were from the following causes :

Measles . . . . .	1
Diphtheria . . . . .	4
Typhoid fever . . . . .	5
Whooping cough . . . . .	7
Diarrhœal affections . . . . .	18
Erysipelas . . . . .	1
Septicæmia . . . . .	7
Croup . . . . .	1
Thrush . . . . .	1
Alcoholism . . . . .	2
Rheumatism . . . . .	3
Cancer . . . . .	9
Tumors . . . . .	3
Phthisis . . . . .	32
Premature birth . . . . .	15
Childbirth . . . . .	3
Old age . . . . .	10
Concussion of brain . . . . .	2
Dropsy . . . . .	12
Cerebro spinal affections . . . . .	7
Apoplexy . . . . .	1
Paralysis . . . . .	17
Convulsions . . . . .	8
Diseases of heart and blood vessels . . . . .	29
Pneumonia and bronchitis . . . . .	33
Throat affection . . . . .	1
Dentition . . . . .	5
Enteritis and other diseases of bowels . . . . .	11
Diseases of the liver . . . . .	6
Diseases of urinary organs . . . . .	8
Atrophy and debility . . . . .	7

Accidental injuries.....	4
"    drowning.....	5
"    poisoning.....	1
"    railway .....	1
Suicide .....	2
Murdered .....	2
Found dead.....	1
Not specified .....	1
	<hr/>
Total .....	286

The matter of exhuming of dead bodies in the cemetery I have already reported upon, which, no doubt, in a short time will be more under control of the city authorities than at present.

I have to call your attention to the fact, that people visiting the cemetery are in the habit of drinking water from the taps on the premises. The water from the taps comes from a well in the cemetery, and is not fit for drinking purposes. It would be well, in some way, to draw the attention of those visiting the cemetery to this fact.

Complaints have been made by many about the condition of the James Bay flats, and it being used in some instances as a dumping place for garbage. During the coming year it is hoped that steps will be taken to have this locality made less objectionable to our citizens.

I have the honor to be,

Your obedient servant,

G. L. MILNE, M. D., C. M.

Health Officer.

## Report of the Cemetery Committee.

---

To His Worship, the Mayor and Board of Aldermen.

GENTLEMEN,

Your Cemetery Committee beg to lay before you the following report, viz:—

During the past two years it has been noticeable that the space in Ross Bay Cemetery proper, available for interments was rapidly diminishing, so much so, in fact, that this year a portion of the Cemetery set apart for Chinese burials had to be used for the interment of white people.

It became evident, therefore, early in the year, that some provision should be made in the way of enlarging the Cemetery proper, by procuring additional ground. Accordingly, your Committee had a by-law prepared, asking for a loan of \$12,500 for the purpose, to which the ratepayers gave their assent on the 4th of March last.

After viewing various plots, your Committee finally selected that portion of ground adjoining the present Cemetery, bounded on the north and west by Foul Bay road and another, and on the south by the sea, and known as Sections 80 and 81, Fairfield Farm Estate.

This lot comprises some ten acres and a half, six acres of which was purchased from Messrs. Lowenberg & Harris at the rate of \$2,000 per acre.

The privilege of purchasing the other four and one half acres at the same price, at any time within three years was secured, the interest therefor being  $2\frac{1}{2}$  per cent.

The remaining \$500 of the loan has been spent in erecting fences and gates and in other work in connection with the Cemetery.

Upon the completion of the purchase, applications were received from the Masonic Order and the I. O. O. F. for space in the new ground, and they were granted an acre each, for their own use, upon the same conditions as blocks were apportioned formerly to the several religious denominations.

The Ancient Order of United Workmen also applied for an acre, and their application is still under consideration.

Not having sufficient means at their disposal, your Committee were unable to undertake the work of clearing the ground, completing the fencing, surveying plots, constructing walks and drives, erecting a mortuary chapel, etc.

They trust however that the Council for 1891 will take up the matter where it has been left off, and with the consent of the ratepayers obtain at least the sum of \$10,000, so that the remaining portion of the ground may be paid for, and the new Cemetery made a credit to the City of Victoria.

All of which is respectfully submitted.

JOHN ROBERTSON,  
W. D. MCKILICAN, } Committee.  
WM. WILSON.



## Cemetery Report.

VICTORIA, B. C.

December 31st, 1890.

To His Worship the Mayor and Board of Aldermen,

GENTLEMEN:—I have the honor to lay before you the statistics of burials in Ross Bay Cemetery for the year ending the 31st of December, 1890, as follows:—

	Males.	Females.	Total.
Children (stillborn).....	7	6	13
Children under twelve months old.....	28	31	59
Children from one year old to five years.....	11	4	15
Children from five years old to ten years.....	—	6	6
From ten years to fifteen years old.....	1	2	3
From fifteen years to twenty years old.....	4	3	7
From twenty years to forty years old.....	22	27	49
From forty years to sixty years old.....	29	15	44
From sixty years to seventy years old.....	19	13	32
From seventy years to eighty years old.....	5	8	13
From eighty years to ninety years old and upwards.....	2	1	3
Unknown.....	2	1	3
Chinese.....	35	—	35
Indians.....	1	3	4
<b>Total.....</b>	<b>168</b>	<b>120</b>	<b>288</b>

The nationalities are as follows:—

	Males.	Females.	Total.
British Columbia.....	44	56	99
Other parts of Canada.....	9	6	15
England.....	32	23	55
Scotland.....	8	6	14
Ireland.....	8	5	13
Australia.....	3	—	3
United States.....	7	9	16
Germany.....	9	4	13
Italy.....	2	—	2
Norway.....	—	1	1
Unknown.....	2	1	3
Stillborn.....	7	6	13
Chinese.....	35	—	35
Indians.....	1	3	4
Total.....	166	120	286

A comparison of the report with that of last year shows a decrease of 16 males, an increase of 47 females, making a total increase of 31 burials for the year just closed.

I have the honor to be, Gentlemen.

Your obedient servant,

WELLINGTON J. DOWLER,

Secretary of the Ross Bay Cemetery,

## Report of Hall Committee.

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To His Worship the Mayor and the Board of Aldermen.

GENTLEMEN:—

Your Hall Committee would respectfully report as follows:—

That this year, by the generosity of the ratepayers in passing a by-law for the sum of thirty-five thousand dollars, for improvements and additions to the City Hall, we have expended the money on the various works and alterations to the best advantage, when we take into consideration the amount of work which has been done.

First, the building known as the Fire Engine House and Police Barracks was not finished when your Committee came into office, of which Mr. Ross was the contractor and Mr. Trimens the architect.

There has been expended on this building throughout the year the sum of four thousand and twenty-seven dollars and nineteen cents (\$4,027.19); this includes a drain running down to Government street, at a cost of seven hundred dollars, which we are of the opinion should have been charged to the Streets Committee.

We have also had an asphalt sidewalk laid around three sides of the City Hall at a cost of thirteen hundred and twenty dollars (\$1,320), which should, we think, belong to the Streets Committee. The contract for the main additions was let in October, 1889, although no work was done on this building until January, 1890.

Messrs. Elford & Smith were the contractors of this building, and John Teague, Esquire, architect, and the Inspector of Buildings acted as clerk of the works throughout the whole of the works around the City Hall, both as to the buildings and having the necessary offices fitted up for the different officers. We also had a female prison ward built; Mr. Teague being also architect of this building and Mr. George Moore the contractor; and throughout the whole of the works we have had everything done by contract wherever practicable. And all the work has been done in a satisfactory manner; and that the City has received value for every dollar spent on this property, and we consider it a very creditable building.

But there are a few things we would recommend to the incoming Council, which would make the building complete, namely, to fill in the blank space on Cormorant street and place the Police quarters therein, and also to have the building heated by steam or hot water.

The clock is already under contract, and we expect it will be delivered and set up some time in April next.

We would also state that in addition to the other offices that the Public Library is now situated in the City building, thereby saving some three hundred dollars a year in the way of rent, and being very much larger and pleasanter quarters.

We also submit the cost of the different buildings, as follows:—

Mr. Roper—Moving old workshops.....	\$ 110 00
Messrs. Elford & Smith (contractors)—Contract and extras..	25,049 15
John Teague (architect)—Commission on addition and Female Prison Ward.....	1,292 58
M. W. Waitt—3 pairs of Vault Doors and Safe.....	748 50
Furniture, Fixing Offices, Gas Fixtures, &c.....	2,233 46
Pacific Coast Asphalt Company—To Sidewalks around three sides of City Hall.....	1,320 00
	<hr/>
	\$30,753 69
Fire Hall and Police Barracks—Asphalt.....	4,027 19
Female Prison Ward—Fence in.....	905 85
	<hr/>
Total expenditure.....	\$35,686 73

All of which is respectfully submitted.

JOHN ROBERTSON, Chairman  
W. D. MCKILICAN,  
WM. WILSON.

# Report of Water Commissioner.

VICTORIA, B. C.,

January 9, 1891.

To His Worship, the Mayor and Board of Aldermen.

GENTLEMEN:—

I have the honor to submit the following report on the Victoria Water Works, showing the extensions, improvements, and general enlargement effected during the past year; which in view of the rapid growth of the city, combined with the general building up of the suburbs, have necessitated an extensive branching out of the distribution system.

## STREET MAINS.

The following summary of the street mains annually laid during the period which has elapsed since the commencement of the present system of extension, will give a general idea of what has been accomplished in rebuilding the Water Works; the influx of population, and the general growth of industries, however, will require that an immense amount of work must be undertaken in the immediate future, far in excess of what has already been accomplished.

Year.	12-in Cast	8-in Cast	7-in Cast	6-in Cast	5-in Cast	4-in Cast	Total Feet
1888	10289 ft	1790 ft	3501 ft	5464 ft	9124 ft	2642 ft	32900 ft
1889	40 ft	.....	.....	2359 ft	1781 ft	11255 ft	15395 ft
1890	.....	3987 ft	.....	1568 ft	416 ft	18482 ft	24453 ft

So that in the past three years nearly  $13\frac{3}{4}$  miles of street mains have been laid in the city; in addition to  $5\frac{1}{4}$  miles of 16 inch mains from the lakes, and a considerable quantity

of small pipes laid for service purposes in suburban districts.

All mains are laid as heretofore on a general plan, and as far as possible in those streets where they will effect the greatest improvement in the Water Works as a whole.

The following details show the different improvements of the year 1890 ;

FERNWOOD ROAD, 3987 feet of 8 inch cast iron main laid from Fort Street to Edmonton Road.

The fittings along the line are as follows :

Fort Street, 8 inch valve, valve box and bend.

Yates Street, 8x4 Cross ; two 4 inch valves and boxes. 8x4 Tee ; fire hydrant and valve. The pressure by gravity at this hydrant is 20 lbs. or 43 feet of water in column.

Johnson Street, 8x4 Tee with 4 inch valve and box.

Pandora Street South, 8x4 Tee with 4 inch valve and box.

Pandora Avenue North, 8x4 Cross with two 4 inch valves and boxes ; fire hydrant with valve, special castings and 4 inch pipes. The pressure by gravity at this hydrant is 26 lbs. or 60 feet of water in column.

Alfred Street, 8x4 Cross with 4 inch valve and box.

Bodwell Street, 8x4 Cross, capped.

Vining Street, 8x4 Cross, capped.

Chatham Street, Spring Ridge, 8x4 Cross with two 4 inch valves and boxes ; fire hydrant with valve, special castings and pipes. The pressure by gravity on this hydrant is 36 lbs. or 83 feet of water in column.

South Road, 8x4 Cross with two 4 inch valves and boxes.

Centre Road, 8x4 Tee with 4 inch valve and box.

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North Road, 8x4 Cross with two 4 inch valves and boxes.

Walnut Street, 8x4 Tee with 4 inch valves and box.

Edmonton Street, 8x4 Cross with two 4 inch valves and boxes.

This line of main replaced 1150 feet of 2 inch wrought iron pipes, and in addition to being a considerable portion of the much needed high level supply main; also afforded domestic supply and fire protection to the rapidly growing section of the city situated on Spring Ridge.

SOUTH ROAD, (Spring Ridge), and PEMBROKE AVENUE,  
1769 ft of 4 inch main from Cook street to Fernwood road.

Chambers Street, two 4x4 Tees, two 4 inch valves and boxes.

Spring Road, 4x4 Tee, capped.

Ridge Road, 4x4 Tee, and one 4 inch valve with box.

This line of 4 inch main runs from the 12 inch main on Cook street to the 8 inch main on Fernwood road replaces 900 feet of 1 inch wrought iron pipe, and affords supply and circulation to the Fernwood road main in addition to numerous residences in the district through which it is laid.

RIDGE ROAD, Spring Ridge, 511 feet 4 inch main.

Centre Road, 4x4 Tee.

North Road, 4x4 Tee.

This line of 4 inch main from the 4 inch main on South Road was laid for local supply, especially to the houses on North Road, and was necessary to avoid a large amount of rock that would otherwise have been encountered.



PRINCESS AVENUE, 721 feet of 4 inch main.

Douglas Street, 12 to 4 reducer ; two 4 inch valves with boxes.

Government Street, 4x4 Cross ; fire hydrant, with 4x4 Tee and valve. The pressure by gravity at this hydrant is 70lbs., or 161 feet of water in column.

This line of 4 inch main is laid from the 12 inch main on Douglas Street to Government Street, and affords increased supply and fire protection to the Gas Works and Planing Mills.

CALEDONIA AVENUE, 747 feet of 4 inch main.

Chambers Street, fire hydrant, 4x4 Tee, valve and box. The pressure by gravity at this hydrant is 35lbs., or 80 feet of water in column.

This line of 4 inch main from the 12 inch main on Cook street, was laid for increased supply and fire protection to a rapidly growing suburb of the city, and replaced an equal length of 2 inch pipe that was found in bad condition.

ALFRED STREET, 741 feet of 4 inch main.

Chambers Street, fire hydrant, valve and box. The pressure by gravity at this hydrant is 36lbs, or 83 feet of water in column.

This line of 4 inch main from the 12 inch main on Cook Street is parallel with, and laid for similar reasons to the Caledonia Avenue main.

FREDERICK STREET, 676 feet of 4 inch main.

Cook Street, 4 inch bend.

Vancouver Street, 4x4 Tee.

This line of 4 inch main, from the 12 inch main on Cook Street to the intersection of Vancouver Street, is laid for domestic supply to a number of new residences recently erected.

It also gives an increased supply to the lower portion of Fredrick Street, and removes an objectionable "dead end."

JOHNSON STREET, 688 feet of 4 inch main.

Chambers Street, 4x4 Tee, fire hydrant, valve and box.  
The pressure by gravity at this hydrant is 40lbs., or 92 feet of water in column.

This line of 4 inch main from the 12 inch main on Cook Street replaces an equal length of 2 inch pipe that was in very bad condition. Increased supply and fire protection is afforded by this extension.

BLANCHARD STREET, 110 feet of 5 inch mains.

Herald Street, 5x5 Tee.

Pioneer Street, 5x4 Tee, 4 inch valve and box.

This line of main connects the 5 inch main on Herald Street with the 4 inch main on Pioneer Street, also with the small pipe on Fisguard Street, and greatly improves the supply in this vicinity.

PIONEER STREET, 812 feet of 4 inch main.

Blanchard Street, 4x4 Tee; fire hydrant with valve and box. The pressure by gravity on this hydrant is 44lbs., or 101 feet of water in column.

Quadra Street, 4x4 Cross; two 4 inch valves and boxes; 4x4 Tee; fire hydrant, valve and box. The pressure by gravity on this hydrant is 40lbs., or 92 feet of water in column.

North Park Street, 4x4 Tee and 4 inch valve for fire tank.

Cook Street, 4x4 Tee; valve removed from centre of block to N. W. cor. Cook and North Park Streets. The pressure by gravity on this hydrant is 40lbs., or 92 feet of water in column.

These mains were laid to complete a through line of main between the 12 inch main on Douglas Street and the 12 inch main on Cook Street ; to give circulation of water, increased fire protection, and to remove two objectionable "dead-ends," besides replacing 700 feet of 2 inch cast iron pipe that was nearly choked by deposit and corrosion.

WORK STREET, 971 feet of 4 inch mains.

Pleasant Street, 4x4 Tee ; 4 inch valve and box.

Turner Street, 4x4 Cross ; 4 inch valve and box ; fire hydrant ; 4x4 Tee, valve and box. The pressure by gravity on this hydrant is 63lbs., or 145 feet of water in column.

Bridge Street, 4x4 Cross, capped.

This line of 4 inch main replaced a varied assortment of wrought iron screw pipes from  $\frac{3}{4}$  inch to 2 inches diameter. The grading of this street permitted the laying of a permanent main, which affords increased supply and fire protection to that district.

LANGLEY STREET, 501 feet of 4 inch main.

Fort Street, 4 inch bend.

Broughton Street, 4x4 Cross ; two 4 inch valves and boxes ; fire hydrant, 4x4 Tee, and 4 inch valve. The pressure by gravity on this hydrant is 60lbs., or 138 feet of water in column.

This line of 4 inch main from the 6 inch main on Fort Street to Courtney Street replaces 250 feet of cast iron pipe, and affords increased supply and fire protection to that locality.

HUMBOLDT STREET, 1568 feet 6 inch main.

Douglas Street, 6 inch valve, box and 6 inch bend.

Gordon Street, 6x4 Tee ; 4 inch valve and box.

Government Street, fire hydrant, 6x4 Tee, valve and box.  
The pressure by gravity on this hydrant is 60lbs.,  
or 138 feet of water in column.

McClure Street, 6x4 Cross ; two 4 inch valves and boxes.

This line of 6 inch main is an important circulation feature intended to connect the Cook Street 12 inch main with the Douglas Street main, and distributing water through a large district. Scarcity of 6 inch pipes prevented the entire main being laid; but it should be completed next year, if possible.

COLLINSON STREET, 1354 feet of 4 inch main.

McClure Street, 4x4 Tee, 4 inch valve and box ; fire hydrant moved and fitted with valve and box.  
The pressure by gravity on this hydrant is 58 lbs.  
or 133 feet of water in column.

Rupert Street, 4x4 Cross ; two 4 inch valves and boxes ;  
fire hydrant, 4x4 Tee and valve with box. The  
pressure by gravity on this hydrant is 52 lbs. or 119  
feet of water in column.

Vancouver Street, 4x4 Cross ; two 4 inch valves, boxes  
and bend.

This line of main replacd a miscellaneous assortment of 2 inch and 1½ inch pipes, thereby giving increased fire protection and domestic supply.

FRANKLIN STREET, 759 feet of 4 inch main.

Vancouver Street, fire hydrant, 4x4 Tee, valve and box.  
The pressure by gravity on this hydrant is 52 lbs.  
or 119 feet of water in column.

This line of main replaced 2 inch and 1½ inch wrought iron pipes, and in conjunction with the Collinson Street main and the 4 inch main on the lower end of McClure Street, gives a through line of 4 inch main from the 12 inch main on Cook Street to the 6 inch main on Humboldt Street.

PARKINGTON STREET, 652 feet of 4 inch main.

Cook Street, fire hydrant, 4x4 Tee, 4 inch valve and boxes. The pressure by gravity on this hydrant is 62 lbs. or 142 feet of water in column.

This line of 4 inch main from the 12 inch main on Cook Street was laid for domestic supply purposes, and to eventually connect with the Humboldt Street main.

BELCHER STREET, 306 feet of 5 inch main.

Moss Street, 5 inch valve and box.

This line of main is a portion of an intended line running along Belcher Street, past Government House to Pemberton Road, and should be extended at as early a date as possible.

MCCLURE STREET AND BEACON HILL PARK, 1332 feet of 4 inch main.

Belleville Street, 4x4 Tee, capped.

South Park Street, 4x4 Tee, small valve and box.

Superior Street, 4x4 Tee, old 4 inch valve, box and bend.

Michigan Street, 4x4 Tee, small valve and box.

This line of main from the 6 inch main on Humboldt Street, over Marvin's Hill and along Beacon Hill, Park Front, replaces the old line of 4 inch main which was originally laid across James Jay Flats.

It affords increased supply and circulation to South Park Street, Superior Street, and Michigan Street, thereby removing three very objectionable "dead ends," and straightens out the distribution to this district generally.

SUPERIOR STREET, 1097 feet of 4 inch main.

Birdcage Walk, 4x4 Cross, two 4 inch valves and boxes.

This line of main now completes a line of 4 inch cast iron street main on Superior Street, from the Park to Menzies Street; and should be continued to Dallas Road at an early date, thus replacing the  $1\frac{1}{4}$  inch pipe which is now supplying the residents along Superior Street.

MENZIES STREET, 1811 feet of 4 inch main.

Quebec Street to Belleville Street was laid for local supply purposes.

Niagara Street, 4x4 Cross, small valve, cap and box; fire hydrant, 4x4 Tee, valve and box. The pressure by gravity on this hydrant is 64 lbs., or 147 feet of water in column.

Rithet Street, 4x4 Tee and small valve.

Dallas Road, 4x4 Tee; small valve and box; fire hydrant, 4x4 Tee, valve and box. The pressure by gravity on this hydrant is 62lbs., or 142 feet of water in column.

This line of 4 inch main replaced a line of 2 inch pipe, and now affords improved supply and fire protection to this district. Menzies Street has now a line of 4 inch water main for its entire length.

OSWEGO STREET, 1472 feet of 4 inch main.

St. James Street, 4x4 Tee and small valve.

Coburg Street, 4x4 Tee and small valve.

Niagara Street, 4x4 Cross, capped.

This line of 4 inch main replaced 640 feet of 2 inch pipe that was inadequate to supply the residences already erected, without considering future requirements at all. Oswego Street has now a line of 5 inch and 4 inch main for its entire length.

KINGSTON STREET, 1868 feet of 4 inch main.

Oswego Street, two 4 inch valves and boxes, also bend.

This line of main connects the 4 inch main on Menzies Street, the 5 inch main on Oswego Street, and the 4 inch main on Montreal Street together, thus affording constant circulation, and the means of delivering a fair supply of water under good pressure at any required point.

The extension to the junction with Superior Street should be undertaken at an early date.

In addition to the lines of street mains, as shown in the foregoing statement, small pipes have been placed for domestic supply purposes in the following streets :—

Chatham Street, Spring Ridge, from Fernwood Road, westerly.

Walnut Street, Spring Ridge, from Fernwood Road, westerly.

North Road, Spring Ridge, from Ridge Road, east and west.

Alfred Street, Spring Ridge, from Fernwood Road, westerly.

Harrison Street, from Fort Street towards Pandora Avenue extension.

Elizabeth Street, from Rebecca Street to Chambers Street.

Rebecca Street, from Pandora Avenue.

Pandora Avenue, South, from Cook Street to George Street.

Toronto Street, from Young Street to Beacon Hill Park.

Avalon Street, from Carr Street to Phoenix Place.

South Turner Street and Rithet Street, James Bay,

Niagara Street, from Menzies Street to Carr Street.

Croft Street, from Simcoe Street to Niagara Street.

Rendell Street, from Simcoe Street to Niagara Street.

St. James Street, from Oswego Street to Rendell Street.

These pipes are principally old pipes taken from streets that have been relaid by street mains ; and although the principle of laying 2 inch pipe is wrong, yet the rapid extension of the city in every direction, requires that water shall be conveyed long distances for a small outlay, and over streets that are not graded, hence it becomes a question of small pipes or none at all.

The Water Works require more street mains of large diameter, principally 12 inch, 8 inch and 6 inch, and if the efficiency of the works are to be maintained, and also to keep pace with the city's growth, no mains of less diameter than 6 inches should be laid within the fire limits, and all pipes of lesser diameter than 4 inches within the fire limits should be replaced by larger sizes and on the same system which has already, to a certain extent, been carried out.

#### HYDRANTS.

In addition to the hydrants described with the new street mains as laid during the past year ; a new hydrant was placed at the corner of King's road and Fourth Street, Work Estate ; the gravity pressure on the hydrant being 58 lbs. or 133 feet of water in column.

All hydrants set prior to 1888 have been provided with independent valves placed in the street main, while the drainage of the hydrants has also been attended to.

During the year, 18 new hydrants have been placed in position, making a total of 100 hydrants connected with the Water Works mains at the end of the year.



Of this number when the pressure was observed, the gauge showed that :—

7	had a pressure of 70 lbs. and upwards upon them.		
30	" " between 60 lbs. and 70 lbs.	"	"
36	" " " 50 lbs. and 60 lbs.	"	"
17	" " " 40 lbs. and 50 lbs.	"	"
6	" " " 30 lbs. and 40 lbs.	"	"
3	" " " 20 lbs. and 30 lbs.	"	"
1	" " " 10 lbs. and 20 lbs.	"	"

When laying street mains, provision is made for placing a hydrant at the corner of each block, but as generally occurs the hydrants are not forthcoming, and consequently entail greater expense when they are placed in position, than if set when the mains are laid.

Double the number of hydrants could be advantageously placed in the city than are now at present, and if Victoria is to continue to enjoy her immunity from disastrous conflagrations, it would be as well to take more precautionary measures in the shape of hydrants than at present.

Larger street mains are required on some of the principal streets, as the value of a number of efficient hydrant streams with nearly the pressures shown above, cannot be over estimated.

### SERVICES AND METERS.

The number of services connected with the mains during the past year were 310, which added to those previously reported make 2234 service pipes constantly supplied by the City Water Works.

A considerable number of these are of large diameter, but by placing meters on all supply pipes that are larger than half an inch, a very large percentage of waste is checked.

On those service pipes that are metered there are :

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9 One  
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9	Three inch	meters measuring in December	997	thousand gallons.
4	Two inch	" " " "	472	" "
9	One and a half in.	" " " "	501	" "
10	One inch	" " " "	562	" "
25	Three-quarter in.	" " " "	884	" "
79	Five-eighth inch	" " " "	1002	" "

136 Worthington Meters of sizes 4,418,000 Imperial gallons.

Or measuring approximately one-tenth of the total quantity of water consumed in the city.

During the year the price of water by meter was reduced from 30 to 20 cents per thousand gallons to all consumers within the then existing city limits; the recent extension will now, however, make the reduction almost general.

There are yet remaining on hand available for use:

1	Three inch	Worthington water meter.
1	One and a half inch	" "
4	One inch	" "
3	Three-quarter inch	" "
5	Five-eighth inch	" "

Making a total of 150 Worthington Water Meters in the possession of the Water Works, or only one-fifteenth of the number of services supplied at present, without any provision for future services.

#### PIPES ON HAND FOR EXTENSION, ETC.

There are on hand available for immediate use:—

6000	feet of	24	inch	steel main
212	"	12	inch	cast iron pipe
3382	"	8	"	" " "
72	"	7	"	" " "
45	"	6	"	" " "
1140	"	4	"	" " "

Also, 24 special castings from 4 to 8 inches, together with the necessary sleeves, bends and caps for same, together with 4 valves from 4 to 6 inches.

The replacing of small pipes by larger mains, has given the department a varied assortment of small valves, fittings, etc., which have been placed in good order and condition, and are ready for use.

### WORKSHOP AND TOOLS.

The various extensions of the Water Works during the past three years have placed the department in possession of a fairly efficient supply of tools, with which nearly everything required can be done on the ground or in the pipe yard, thus economizing to a very great extent in time, and avoiding a great deal of delay in proceeding with the various works. Owing to the ground occupied by the old workshop being required for the extension of the City Hall building, it became necessary to remove the workshop to another site; fortunately the lots belonging to the Water Works at the corner of Chambers Street and Pandora Avenue afforded a good location for pipe yards and shops, and now that the boundaries of the city are extended, are about as central as could be obtained.

### MAIN BURSTS, ETC.

The following record of the serious bursts, etc., on the lines of mains supplying the city affords evidence which is unanswerable as to whether the extension of the Water Works has been undertaken before it was absolutely required:—

January 25th—Leak on 12 inch main in McKenzie's.

March 14th—Burst on 12 inch main in Tway's farm, and turned off from the city for repairs.

April 3rd—Reducer on 12 inch main at corner of Douglas Street and Queen's Avenue blown out and receiver at head works emptied.

April 5th—Flush valve on 12 inch main at Snyder's ravine replaced in order to prevent its being blown out.

April 30th—Burst on 12 inch main on Saanich Road, near Mr. Humber's brickyard, and turned off from the city for repairs.

May 30th—Serious leak on 12 inch main on Saanich Road and turned off from the city for repairs.

June 7th—Burst on 12 inch main near Tolmie's Hill, on Saanich Road.

July 21st—Leak on 12 inch main near McKenzie's farm.

July 25th—6 inch valve on Cook Street 12 inch main (at the corner of Cook Street and Fort Street) blown out.

August 1st—12 inch valve at end of 16 inch main closed down by some unknown person and discovered near midnight. Lock chains placed on the valves effectually prevented any recurrence of that nature.

August 25th—Reducer on 12 inch main at the corner of Queen's Avenue and Douglas Street blown out and the receiver at the head works emptied.

September 11th—Burst on 12 inch main in Foot's Valley, and turned off for repairs.

September 13th—Burst on 12 inch main in Van Allman's, and turned off for repairs.

October 25th—Burst on 8 inch main on Cook Street, near Beacon Hill Park, and receiver at head works emptied.

This, as a record for one year, points conclusively to the fact that the time has about arrived when the old 12 inch cast

iron main should be replaced by a 24 inch steel one; and after cleaning and recoating the 12 inch pipes, they should be laid along Government Street from the Fountain at the junction of Douglas and Government Streets, to James Bay Bridge. The second line of the 12 inch main from the 16 inch main should also be laid to the Jewish Cemetery for the high level supply; and there would yet remain on hand a considerable quantity of 12 inch cast iron pipes for city distribution as required.

### THE LAKES.

The condition of the lakes are about as bad as they well can be, the whole of the submerged swamp from the present dam to the mouth of Elk Lake, being absolutely unfit as a source from which to obtain potable water. The improvements necessary to provide the citizens of Victoria with good water, consist of building a dam across the mouth of Elk Lake proper, raise the surface elevation of the lake so as to store the rainfall in the reduced area, and instead of submerging low flat land, raise embankments wherever necessary.

The completion of the 24 inch main to the city, the dam across the mouth of Elk Lake, thereby raising its top water elevation several feet, and cutting off all the objectionable shallow, swampy portions; and the conduit from Elk Lake to the present filter beds, would utilize everything obtainable from Elk Lake as a source of water supply for the city of Victoria; and any increased supply for the now largely extended city will have to be obtained from some other gathering ground.

The question of water supply to the City of Victoria is one that is increasing in difficulty every day, and will require very careful consideration at the meetings of the next Board of Aldermen, inasmuch as the fact that a city of 20,000 inhabitants requires more water than one of 10,000, should now be realized, and provision made accordingly. A fixed tariff

of water rates is now a necessity, as a scale, that might possibly have answered the purpose ten years ago, is now altogether out of date.

The appropriation of the entire Water Works revenue for Water Works purposes, is a much needed reform, that might well be instituted with the present extension of the city limits; as the increased area will require a general enlargement of the entire distribution system, while the service connections for this year will probably exceed those of 1890.

A full detailed financial statement of the revenue and expenditure for the past year, will be found in the annual report of the Auditor, which, being published in the annual report of the Corporation, economizes a large amount of valuable space that would otherwise be occupied by duplicate accounts.

The litigation between the Corporation and the property owners along the Colquitz stream, involving the question of riparian rights, has been in progress the whole year, but an award from the Board of Arbitrators may reasonably be anticipated at an early date.

I have the honor to be,

Gentlemen,

Very respectfully,

PETER SUMMERFIELD,

Water Commissioner.

A. J. SMITH,  
W. D. MCKILICAN, } Committee.  
JOHN ROBERTSON.

## Fire Warden's Report.

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To His Worship the Mayor and Board of Aldermen.

GENTLEMEN,

We, the Fire Wardens, beg leave to submit the following report :—

The small fire loss during the year is a pleasant subject for congratulation. The record shows 86 fire, with a loss estimated at \$10,795. We might here remark that the principal damage was caused by water, used in suppressing fires, which we consider might be obviated to a great extent in future by the purchasing of a first class chemical engine.

Some changes have been made in the personnel of the department.

We would respectfully direct the attention of the Board to the accompanying report of the Chief Engineer, and take great pleasure in recommending the suggestions contained therein for the further efficiency of the department.

In conclusion we might state that the Chief, Assistant, Officers and men have ably obeyed duty's calls during the past year.

Hoping the Board may meet their petition for an increase in their salaries, for they are at the present time paid less than any department on the Pacific Coast.

Respectfully submitted,

WM. WILSON,  
JOHN ROBERTSON, } FireWardens.  
LOUIS VIGELIUS, }

## Report of Chief Engineer.

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To His Worship the Mayor and Fire Wardens.

GENTLEMEN :—

In accordance with the laws governing the Fire Department, I have the honor to submit herewith the following report of the operations of the Fire Department for the year ending December 31st, 1890:—

Therein will be found a list of the officers and members comprising the Department; a record of the fires reported and alarms responded to during the year; estimated loss; also such suggestions and recommendations that may appear necessary to increase the efficiency of this branch of the municipal service.

During the year the Department books show 86 fires reported at headquarters, with a fire loss estimated at \$10,795. Laid 33,200 feet of hose. New tubes were placed in the boiler of the old Merryweather steam fire engine, and No. 1 fire hall was enlarged to accommodate the Preston Aerial Truck, Horse Hose Carriage and other apparatus. Two old hand reels were sold to the New Westminster Fire Department, and the old hook and ladder truck was presented to the Directors of the Royal Jubilee Hospital. A hose reel was placed, with 350 feet of hose, at the Central School and the scholars were drilled at hydrants placed near the gates. A ladder brigade was also formed and drilled; but the authorities appear to take but little interest in our attempt to check fires in a building where so many helpless children congregate



daily. The hose is in an open shed where the children play, and is not safe. I made every effort to have a proper shed built, and I would recommend the removal of the valuable hose unless it is placed in a proper building.

On November 13th, a letter was sent Messrs. Prior and Earle, representatives to the Dominion House of Commons, calling their attention to the unprotected condition of valuable wharves, warehouses, bridges, shipping, and Dominion Government buildings along the water front of Victoria. In the communication I requested that pumps be placed in the Dominion steamer Princess, to throw at least four streams of salt water. I also informed the gentlemen that the Corporation would furnish the necessary hose and play-pipes. The steamer is always engaged around the harbor, and would also protect the wharves and bridges outside the city limits.

The small fire loss during the year was due, in a great measure, to the Gamewell Fire Alarm. In 1888 we had 33 alarms. During 1889 we attended 34 fires, and 1890 shows the highest record—86 fires and alarms, with a loss slightly exceeding \$10,000. The prompt means of receiving alarms and responding thereto proves the value of this great invention. In order to prevent damage to the alarm system brackets are required on all poles, and insulated wire is necessary in place of the bare wire. The wire at present in use might be strung on poles for boxes required throughout that portion of the city recently taken over.

The extension of the city limits calls for more houses, apparatus and firemen. Should alarms come in from outside boxes, it would be dangerous to leave the centre, or business portion, unprotected. It, therefore, becomes necessary to ask for three new fire stations in the following localities:—One in the vicinity of Moss and Fort Streets; one near the junction of Douglas and Government Streets, and the third in Victoria West. Horses and hose-wagons will be required, and it will be necessary to extend the alarm system.

In the business portion of the city it is absolutely necessary to have a large chemical engine, and I would respectfully recommend the purchase of a combined hose wagon and chemical engine.

At the time of organizing the present department the Fire Wardens stated that the system was experimental. The firemen were paid \$14 per month, and the number of fires amounted to about thirty for the whole year. The large increase in population and number of buildings makes a great deal of work for the firemen, and the members of the department have repeatedly asked for an increase in their pay. Ten call men sleep in the engine houses, and the married members rent houses in the vicinity of the fire halls. They are always ready for duty, and I hope your honorable body will consider their petition.

During the past year tenders were called for to supply horse feed. The contract was awarded the lowest tenderers, Messrs. M. Baker & Son. I would recommend that tenders be called for the year 1891.

Two steam fire engines are in good order. The Tiger steamer requires a new boiler. The hand engine and old hand reels should be sold.

During the year one horse was sold, one horse exchanged and one horse added to the Department, making seven horses in good condition.

Throughout the city 100 hydrants have been placed, all in good condition. The supply of water is all that can be desired. Fifty new hydrants should be placed this year, and larger mains are required on several streets.

The officers and members of the Department have been very attentive. The rules and regulations have been enforced and the able-bodied firemen, whose names were on the roll-calls since the organization of the paid system, is proof of

their efficiency } and the small fire loss shows their prompt work both by day and by night.

I would respectfully recommend the printing of, say, 3000 copies of the new Fire Prevention By-law for distribution.

In conclusion, I express my thanks to His Worship Mayor Grant, Alderman Wm. Wilson, Chairman of the Fire Wardens, and also to Aldermen Vigelius and Robertson for the interest they have manifested in all business pertaining to the Department. Chairman Wilson visited the fire halls almost nightly during the year, and was invariably present at the fires which occurred during the term.

Respectfully submitted-

THOMAS DEASY,

Chief of Fire Department.

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#### LIST OF ALARM BOXES AND LOCATIONS.

NO.	LOCATION.
5.	Corner Montreal and Kingston Streets, James Bay.
6.	No. 1 Fire Hall, Pandora Street.
7.	Corner John and Bridge Streets, Rock Bay.
8.	" Wharf and Yates Streets.
13.	" Humboldt and Rupert.
14.	" Government and Johnson.
15.	" Constance and Discovery.
16.	" Birdceage and Superior, James Bay.
23.	" Fort and Quadra.
24.	" Chatham and Cook.
25.	" Government and Figsaward.
26.	" Montreal and Simcoe, James Bay.
31.	No. 2 Fire Hall, Yates Street.
32.	Spring Ridge,
34.	Corner Vancouver and Burdett.
35.	" Menzies and Simcoe, James Bay.
41.	Junction Douglas and Government, near Fountain.
42.	Corner Blanchard and Chatham.

## LIST OF ALARM BOXES AND LOCATIONS.—Concluded.

NO.	LOCATION.
43.	Corner Fort and Moss.
45.	" Cook and Yates.
51.	" Second and King's Road.
52.	" Oswego and Michigan, James Bay.
53.	" Douglas and Discovery.
54.	" Pandora and Quadra.
61.	Fire Hall, James Bay.
62.	Corner Blanchard and View.
63.	Humboldt and Douglas.
64.	Government and Fort.

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## FIRES REPORTED DURING 1890.

- Jan. 3. 8 a. m. Fire in ticket office, E. & N. Railway, Store Street. Cause, defective fireplace. Loss, \$20.
- Jan. 4. 11:30 a. m. Fire at Ham Yick's, corner Government and Cormorant Streets. Cause, hot ashes. No loss.
- Jan. 10. 9 p. m. Fire in premises of M. Williams, Broad Street. Cause, supposed incendiary. No alarm. No loss.
- Jan. 11. 3:45 p. m. Fire at Known Chung's, Cormorant Street. Cause, defective flue. No loss.
- Jan. 17. 8:30 p. m. Fire on premises occupied by B. Baker, Broad Street. Cause, supposed incendiary. No loss.
- Feb. 5. 5:30 p. m. Fire at Doscher's Laundry, Pembroke Street. Cause, defective chimney. Loss, \$20.
- Feb. 15. 11:45 p. m. Fire in Chinese store, Cormorant Street. No loss.

- Feb. 18. 12 noon. Fire in store leased by L. Roller, South-east corner Yates and Douglas Street. Cause, burning wood falling from stove. Still alarm. No loss.
- Feb. 18. 1:10 p. m. Fire at Lockhart & Hastie's furniture store, West side of Government Street, between Fort and Bastion Streets. Loss, \$3,500. Cause, lamp exploding.
- Feb. 18. 4 p. m. Fire at Legislative Assembly building, James Bay. Cause, defective fluc. No alarm. No loss.
- Feb. 20. 11:30 p. m. False alarm.
- Feb. 21. 3 a. m. Fire at Porter's butcher shop, Johnson Street. Cause, supposed incendiary. No alarm. No loss.
- Feb. 21. 7:30 p. m. Fire at Capt. Rudlin's residence, Chambers Street. Cause, sparks. No loss.
- Feb. 22. 1 a. m. Fire at James Maynard's, Douglas Street. Cause, hot ashes. No loss. No alarm.
- Feb. 26. 9:30 a. m. Fire in premises adjoining Delmonico Restaurant. Cause, hot ashes. No loss. No alarm.
- Feb. 26. 1 p. m. Fire on roof of house in Chambers Alley, house occupied by F. Beegan. Cause, sparks. No alarm. No loss.
- Feb. 28. 6:45 a. m. Fire at S. L. Kelly's store, North side of Yates Street. Cause, unknown. No loss.
- Mar. 5. 4 a. m. Fire at N. Pointer's residence, South side Johnson Street. Cause, incendiary. No alarm. No loss.

- Mar. 5. 10:30 p. m. Fire at the residence of Mrs. Meiss, Pandora Street, Cause incendiary. No alarm. No loss.
- Mar. 14. 1:20 a. m. Fire at Chinese Laundry, West side of Blanchard street, between Fort and View Streets. Loss, \$250.
- Mar. 27. 2:30 p. m. Fire in rubbish heap, North Park Street. No alarm. No loss.
- Apl. 5. 11:30 a. m. Still alarm. Fire at Poodle Dog Restaurant, Yates Street. Cause, defective chimney. No. loss.
- April 8. 2 p. m. Fire at residence of Mrs. C. Davis, View Street. Cause, defective chimney. No loss.
- July 24. 1:15 p. m. Fire on roof of Adelphi Saloon, Yates Street. Cause, Sparks. No alarm. No loss.
- July 31. 9 p. m. Fire alarm box 5. Fire at residence of Mrs. Raymur, St. Lawrence street. Cause sparks.
- Aug. 3. 10 a. m. Fire on roof of L. Willie's bakery, Johnson street. Cause, sparks. Loss \$20.
- Aug. 6. 10 a. m. Grass fire on Moss street. Department turned out on several occasions and it was found necessary to dig a deep ditch around the fire.
- Aug. 13. 8:55 p. m. Box 25. Fire at S. Gray's drying room, Chatham street. Cause, unknown. Loss \$75
- Aug. 18. 9 p. m. Still alarm. Chimney fire.
- Aug. 20. 1 a. m. Still alarm. Fire in stable on premises owned by J. Dwyer, Pandora street. Cause, hot ashes. No loss.

- Aug. 20. 10 p. m. Box 62. Chimney fire.
- Aug. 23. 4 p. m. Fire at Chinese store, Cormorant street. Cause, defective furnace. No loss.
- Aug. 24. 1:30 p. m. Still alarm. Fire at cemetery, Meares street. Cause, Chinese burning papers. No loss.
- Aug. 27. 3:15 p. m. Box 31. Fire at Mee Wah's laundry. Yates street. No loss.
- Aug. 27. 10:10 p. m. Box 31. Fire on steamer Badger. Cause, unknown. Loss not estimated, outside limits.
- Aug. 28. 12 p. m. Fire in ashbox of Clarence hotel, Yates street. No alarm. No loss.
- Sept. 5. 10 a. m. Incendiary fire reported at W. J. Clark's barn, Henry street. No loss. No alarm.
- Sept. 5. 11 a. m. Fire reported in new addition to Poodle Dog Hotel, corner Yates and 7<sup>th</sup> streets. Cause, cigar thrown in refuse box. No alarm. No loss.
- Sept. 7. 5:30 p. m. Still alarm. Grass fire at Beacon Hill.
- Sept. 10. 3:40 p. m. Box 43. Grass fire near residence of Hon. Justice Crease. No loss.
- Sept. 10. 9 p. m. Box 15. Fire at residence of F. Wright, Store street. Loss \$15. Cause, coal oil lamp up-setting.
- Sept. 10. 11:30 p. m. Still alarm. Grass fire at Beacon Hill.
- Sept. 12. 2 a. m. Incendiary fire at residence of Paris Carter, Pandora street. No alarm. No loss.
- Sept. 12. 12:30 p. m. Still alarm. Fire at Jewish cemetery, Cedar Hill road. Outside city limits,

- Sept. 20. 1 p. m. Box 32. Brush fire at Spring Ridge. No loss.
- Sept. 24. 3:40 p. m. Box 16. Fire on roof of R. B. McMicking's residence, Belleville street, James Bay. Cause, sparks. No loss.
- Sept. 26. 4:30 a. m. Box 6. Fire at woodshed adjoining residence of W. C. Bryant. Cause, unknown. Loss \$25.
- Sept. 26. 8:30 p. m. Box 14. Drill.
- Sept. 27. 2 p. m. Fire in house occupied by G. Barrett, Chambers Alley. No loss. Cause, grease upsetting on stove and setting fire to wall paper.
- Sept. 30. 2:30 p. m. Still alarm. Fire at Finlayson's Point.
- Oct. 1. 8 p. m. Fire at house owned by J. Meldram, Chat-ham street. No loss. No alarm.
- Oct. 9. 2:30 p. m. Still alarm. Fire at old cemetery. No loss.
- Oct. 12. 5:50 a. m. Box 63. Fire at C. Goffin's residence, Bird Cage Walk, James Bay, Cause, hot ashes. Loss \$1500.
- Oct. 29. 10:10 p. m. Fire at house occupied by Chinese on North side of Fisgard street. No loss. No alarm.
- Nov. 2. 4:30 a. m. Still alarm; Fire at residence of Mrs. Leigh, Belleville street. Cause, unknown. Loss \$15.
- Nov. 14. 10 a. m. Fire at residence on Bay street. Building owned by J. Petherick. Cause, defective fire-place. No alarm.
- Nov. 16. 9:30 p. m. Box 31. No fire.



- Nov. 24. 8 a. m. Box 25. Fire at Ieneveu's cabins, Chatham street, cabin occupied by J. Richards. Cause, defective flue. Loss \$10.
- Nov. 30. 12:30 a. m. Still alarm. Smoke issuing from windows of Y. M. C. A. rooms. No loss.
- Dec. 1. 6:40 p. m. Box 25. No fire.
- Dec. 19. 3:15 a. m. Box 52. Fire near new buildings on Superior street, James Bay. Cause, lime setting fire to lumber. No loss.
- Dec. 25. 5 p. m. Fire in cupola, telephone office, Trounce Alley. Cause, crossed wires. Still alarm.

Total loss by fire estimated at \$10,795.

Total number of fires and alarms 86.

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## HYDRANTS.

LOCATION.	PRESSURE. LBS.
Junction Douglas and Government.....	56
N W corner Gorge Road and Rock Bay Avenue.....	56
N W corner John and Bridge.....	66
S E Government and Discovery.....	66
S W Government and Cormorant.....	58
N W. Constance and Sayward's Mill.....	65
East side Constance, near Muirhead & Mann's.....	60
S W corner Store and Discovery.....	63
S W corner Store and Chatham.....	64
S E corner Store and Cormorant.....	64
S E corner Store and Fisgard.....	60
S side Cormorant bet. Government and Store.....	60
Work Street, N W corner of Turner street.....	63
S E corner Princess and Government.....	70
N W corner Cook and Parkington.....	62
N E corner North Park and Quadra.....	40
N W corner North Park and Cook.....	40
N W corner Johnson and Chambers.....	40
N W corner View and School.....	30
S E corner Douglas and Herald.....	50

## HYDRANTS.—Continued.

LOCATION.	PRESSURE LBS.
N E corner Simcoe and Carr.....	58
N W corner Simcoe and Oswego.....	68
N E corner Simcoe and Montreal.....	70
N W corner Birdcage and Michigan.....	60
S W corner Superior and Birdcage.....	64
N W corner Menzies and Michigan.....	68
S E corner Menzies and Superior.....	66
S W corner Menzies and Quebec.....	70
N E corner Oswego and Michigan.....	70
S E corner Montreal and Belleville.....	74
N E corner Montreal and Kingston.....	70
N W Menzies and Simcoe.....	58
N E Government and Humboldt.....	60
S E Princess and Douglas.....	62
N E John and Rock Bay Avenue.....	60
S W John and Pleasant.....	64
N side Johnson, opposite Oriental Alley.....	62
N W Broad and Fort.....	54
S W Second and King's Road.....	54
S W Oswego and Belleville.....	70
S W Government and Chatham.....	62
S E Douglas and Cormorant.....	52
N W Douglas and Yates.....	48
N E Douglas and View.....	46
N E Douglas and Fort.....	50
S W Douglas and Humboldt.....	68
S W Second and Hilleide.....	54
S W Blanchard and Queens Avenue.....	51
S W Blanchard and Chatham.....	46
N W Blanchard and Cormorant.....	46
N E Blanchard and Johnson.....	46
N E Blanchard and Yates.....	50
N E Blanchard and View.....	50
S E Maclure and Collinson.....	58
N W Quadra and Chatham.....	42
S E Amelia and Cormorant.....	44
N E Quadra and Fort.....	48
N W Quadra and View.....	50
N W Quadra and Furdette.....	38
S E Langley and Broughton.....	60
N E Wharf and Fort.....	62
N W Johnson and Douglas.....	52
S E Government and Johnson.....	56
N E Government and Yates.....	50
S E Government and Trounce Alley.....	50

## HYDRANTS.—Concluded.

LOCATION.	PRESSURE LBS.
N E Government and Fort.....	54
N E Store and Johnson.....	62
N E Wharf and Yates.....	64
N W Oriental and Yates.....	56
N E Langley and Fort.....	58
N W Broad and Yates.....	50
N W Broad and Johnson.....	54
N E Douglas and Rae.....	62
N W Blanchard and Rae.....	50
S W Dallas Road and Menzies.....	62
S W Menzies and Niagara.....	64
S W Superior and Park.....	56
N W Cook and Chatham.....	42
N W Cook and Pandora.....	42
N W Fourth and King's Road.....	58
N E Blanchard and Pioneer.....	44
S W Collinson and Rupert.....	52
N W View and Cook.....	50
N W Chambers and North Park.....	36
N W Caledonia and Chambers.....	35
N W Alfred and Chambers.....	36
N E Vancouver and Franklin.....	52
N E Cook and Fort.....	50
N W Cook and Johnson.....	46
N W Cook and Bellott.....	50
N W Cook and Franklin.....	53
N W Yates and Vancouver.....	50
N W View and Vancouver.....	52
N E Fort and Moss.....	22
S W Belcher and Moss.....	40
S W Cadboro and Pemberton.....	14
N W Yates and Fernwood.....	20
N W Pandora and Fernwood.....	26
N W Chatham and Fernwood.....	36
N E Pandora and Quadra.....	48

## INVENTORY.

## PROPERTY UNDER CHARGE OF FIRE DEPARTMENT.

Engine House and lot, Yates street.....	\$ 18,000
Fire alarm system.....	6,000
Merryweather steam fire engine.....	5,800
Preston aerial truck.....	4,400
2,800 feet Eureka hose.....	2,800
4,400 feet carbolized hose.....	4,400
7 horses.....	1,600
Small Merryweather steam fire engine.....	1,700
Button & Blake steam fire engine.....	1,500
1 four wheel two horse hose carriage.....	800
2 hand engines.....	900
1 engine house, James Bay.....	700
3 sets swinging harness.....	300
4 fire bells.....	500
1 fire escape.....	100
1 Sommerville extension ladder.....	100
1 electric gong.....	75
10 electric alarms.....	170
20 gum coats.....	150
Electric gongs small.....	9
18 pairs gum boots.....	50
2 relief valves and shut off muzzles.....	60
2 saddles.....	10
5 stoves.....	65
100 feet garden hose.....	15
12 chairs.....	7
2 clocks.....	5
12 combined spanners and hydrant keys.....	18
6 spanners.....	6
14 lanterns.....	16
6 leakstops.....	9
4 tables.....	9
4 siamese couplings.....	22
2 hammers.....	2
2 cape chisels.....	1
1 Old Babcock extinguisher.....	10
1 monkey wrench.....	1 50
2 sprinklers.....	2
1 heavy hammer.....	2
2 hay forks.....	2
2 shovels.....	2
Carried forward.....	\$ 51,318 50

Brought forward.....	\$51,318 50
2 axes.....	3
1 hose expander.....	8
2 stamps.....	2
Rubber valves.....	1
Navy couplings.....	8
Screw driver and wrench.....	3
Tube expander.....	1
Coal scuttles.....	2
Steelyards.....	5
8 leather buckets.....	16
3 zinc buckets.....	3
1 Silsby heater.....	65
7 horse blankets.....	20
1 vise.....	25
2 wheelbarrows.....	5
43 helmets.....	70
1 letter press.....	2 50
2 force pumps.....	25
10 bedsteads and mattresses.....	50
1 jumping sheet.....	10
4 hose holders.....	4
2 sliding poles.....	50
Siamese coupling on engine.....	20
3 respirators.....	3
6 feed boxes.....	6
1 saw.....	2
3 whips.....	3
8 pipes.....	30
4 wheels.....	30
1 wire cutter.....	20
Extra valves.....	15
Expanding rings.....	6
25 dozen bottles for extinguisher.....	10
200 zincs for alarm system.....	70
2 pulley blocks.....	2 50
Old harness.....	10
2 horse collars.....	5
15 boiler tubes.....	3
Miscellaneous fixtures.....	10
4 pairs rubber gloves.....	8
4 hand hose reels.....	400
100 hydrants.....	5000
Total.....	\$56,341.50.

OFFICERS AND MEMBERS VICTORIA FIRE  
DEPARTMENT, 1890.

NAME.	OCCUPATION.	SALARY Per Month.
Deasy, Thomas.....	Chief Engineer.....	\$108 00
Gowen, C. N.....	Assistant Engineer.....	25 00
Conlin, M. J.....	Foreman.....	16 25
McDowell, H.....	Foreman.....	16 25
Hinds, F.....	Foreman.....	16 25
Bush, C.....	Engineer.....	70 00
Atkinson, F.....	Engineer.....	70 00
Deasy, W.....	Driver.....	70 00
Whitcomb, E. A.....	Driver.....	60 00
McDougall, D.....	Driver.....	60 00
Watson, Thomas.....	Electrician and Tillerman.....	70 00
Bryce, Wm.....	Hook and Ladder man.....	14 00
Smith, C.....	Hook and Ladder man.....	14 00
Bryce, J.....	Hook and Ladder man.....	14 00
Palmer, C.....	Hook and Ladder man.....	14 00
Winterhalter, C.....	Hook and Ladder man.....	14 00
Burns, L. G.....	Hoseman.....	14 00
Leddingham, G.....	Hoseman.....	14 00
Hay, J.....	Hoseman.....	14 00
Lindley, W. P.....	Hoseman.....	14 00
Moss, Geo.....	Hoseman.....	14 00
Henry, D.....	Hoseman.....	14 00
McKay, A. E.....	Hoseman.....	14 00
Ahern, W.....	Hoseman.....	14 00
McNeill, J.....	Hoseman.....	14 00
Rendell, J.....	Hoseman.....	14 00
Service, T.....	Hoseman.....	14 00
McDonald, D.....	Hoseman.....	14 00

## Report of the Electric Light Committee.

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VICTORIA, B.C., 31st December, 1890.

To His Worship the Mayor and Board of Aldermen.

GENTLEMEN :—Your Committee on “Electric Light and Street Lighting” beg herewith to submit a report covering the year just closed, embracing a record of their experiences relative to the necessities of the Department—and presenting for the consideration of the incoming Board, certain alternative schemes, one of which will be found necessary, and either of which will, in its own way meet requirements.

The year has been uneventful, except in so far as it has been instrumental in leading your Committee to realize the pressing need of a widely extended service, such as would create an expenditure quite beyond the scope of the ordinary yearly revenue. With these facts before them, and entertaining a hope that a centralization or combination of the lighting interests of the City might be affected upon a basis advantageous alike to the Companies more immediately concerned, to light consumers and to the City.

Your Committee deemed it wise to continue the plant, as best they could, throughout 1890, and thereafter recommend to the Council of 1891 the policy of introducing a by-law to provide an amount sufficient to meet the urgent demands of this important Department, thereby enabling it to keep pace with the requirements of our rapidly growing City, whose ultimate destiny can no longer remain a matter of speculation.

The same plant enumerated in last report has been maintained throughout the year, often with much, and always with some difficulty however, owing chiefly to the inadequacy of the driving power, to which allusion was made in last year's report, and in some measure to the intrusion of the poles of the Tramway Co., which becoming water soaked while pressing against the Corporation wires in many places, soon became the means of deflecting a portion of the lighting current, thereby creating unsteadiness, there not being sufficient current left to maintain the lamps.

Your Committee find also that some of the insulators with which the tram trolley wire is suspended from the cross wires, are insulators in name only, while they allow the heavy current of the tramway to freely enter the cross suspension wires, thence into the wet posts, and to the earth or elsewhere as inducements offer. While this is exceedingly dangerous to contemporary wires, it must be a source of great loss of power to the company—not long since a contact by this path—the insulator, cross wire, and wet pole, burned the City wire completely off at a point on Birdcage Walk, and became the means of the absence of light on that circuit for two nights.

A great deal of latitude was allowed the tram company when erecting their plant, in order that there might be no cry of an attempt to hamper or obstruct an enterprise which all agree to regard as legitimate, and a convenience when judiciously managed—and the company seem to have appreciated this exercise of leniency to the fullest.

The correction of these irregularities is clearly the work of the Company.

A by-law now in course of preparation, for the regulation of the erection and maintainance of wires and their supports in the streets of the City, should cover matters of this nature.



Your Committee have further to report that the instructions thrice given to the tramway company, to erect guard wires along their electrically charged trolley wire, have not been carried out though ample time has elapsed.

The City plant consists, briefly of

1 ordinary slide-valve engine 12x18, which should give a speed of 161 revolutions, but in consequence latterly, and mainly of uneven and unsteady bearings caused by the rapid motion of a heavy and unbalanced fly-wheel, was not deemed safe, and could not be kept cool at a higher speed than 150 to 155 revolutions.

2 boilers of a nominal joint capacity of 75 h. p.

2 brush dynamos and 15 lamps of 4,000 c. p. capacity each.

2 ball dynamos and 75 lamps of 2,000 c. p. capacity each.

About 16 miles of line wire and its supports.

In addition to the above there is on hand out of service :

1 slide-valve engine 10x12.

2 sperry dynamos and about 30 lamps of 2,000 c. p. in bad order.

1 brush armature old style.

During the year additions to the plant were purchased as follows :

4 ball lamps of 2,000 c. p. each.

1 ball armature, suitable for either dynamo.

1 horse, wagon and harness.

Lamp locations, with two exceptions, remain the same as at date of last report.

1 lamp from mast at North Park and Cook was moved to Hospital Hill.

1 lamp from mast Kingston and St. John was moved to Montreal opposite Quebec.

During the year salaries have been increased as follows :

Engineer . . . . .	\$100.00 to \$125.00.
Fireman . . . . .	60.00 to 75.00.

Frequent calls, with every reason of justice have been made for additional lights in the fast settling suburban sections, and in the business centres of the City, where as a result of the erection of more improved and higher buildings the light has been obscured, but the only answer, however unsatisfactory, that your Committee could make was that the capacity of the plant was already overtaxed.

In view therefore of present needs, and the demand which will be created by the probable extension of the City's limits, a large number of additional lights will be required immediately.

The cost of maintainance of the Department for the year 1890 is as follows under the various heads :

Wages . . . . .	\$4,648.25.
Fuel . . . . .	2,131.50.
Keep of horse . . . . .	362.30.
Ship chandlery, oil, telephone, telegraph, stationery, hardware, cartage, piping and fittings . . . . .	381.21
Material including carbons and globes, freight and duty on same . . . . .	1,775.90
Brick work . . . . .	57.00
Sundries . . . . .	25.00
Insurance . . . . .	176.87

\$9,558.93

Cr.

By amount received from St. Andrew's and St. George's societies . . . . .	49.25
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\$9,509.68

Concerning the future, your Committee is of opinion that the probable, and indeed immediate necessities demand

that this important Department—important as affecting the welfare of the City in many respects—be organized upon a broad basis—having ample facilities—and with a view to permanency. They believe that such object can best be obtained through a consolidation and centralization of the lighting interests under Corporation control (in manner similar to that of the water supply,) and the advantage which they believe would flow from such control of the lighting facilities of the City, warrant them in recommending that the incoming Council enter early into negotiations for the purchase of all interests in the "Victoria Gas Co." and the "Victoria Electric Co.," having in view the establishing of permanent works of such magnitude as will prove adequate for the needs of street and commercial lighting purposes for a large population. Thereby commanding ample street service while guaranteeing to every citizen a choice of lights, at a moderate, and uniform cost.

In addition to the benefits which almost inevitably must accrue to consumers under such arrangement, your Committee believe that the operation of works of that nature would prove revenue producing, and become a source of wealth to the City.

With these interests in the hands of the City, whose workmen would then perform almost all street opening, the danger to subway service would be greatly reduced. This would readily lead to a thorough system of wire conduits for electric lighting such as would be safe, permanent and unobjectionable in the matter of street disfigurement.

Your Committee would not enter into detail here, nor venture to name a figure. Nevertheless they feel assured that a by-law covering such purchase, at a fair valuation, would receive the hearty support of the ratepayers.

Failing the consummation of the foregoing, your Committee would urge upon the incoming Board, the preparation of a by-law in the sum of \$35,000.00 for the immediate and

adequate extension of the street lighting service, by expenditure for the following: Enlargement of plant house, new engine and boilers of 200 h. p. capacity, new dynamos and lamps, rearrangement of circuits and building new ones, renewal of old poles, &c.

Your Committee is of opinion that the lighting circuits should be so arranged as to have those inside—among the high and attached buildings—distinct from those outside—occupying the more open sections—and that all lights on the inside circuits should be maintained nightly, throughout the year, while those on the outside circuits being unnecessary at times, could be maintained as occasion required.

Some of the guy posts to the three original masts will need renewal the coming season, and possibly the masts themselves may require footing.

All of which is respectfully submitted,

W. D. MCKILICAN, JOHN ROBERTSON, J. B. HARRISON.	}	Committee.
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## Report of Commissioners on Official Map.

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VICTORIA, B. C.,

9th January, 1891.

W. J. DOWLER, C. M. C.—

SIR :

The Commissioners appointed by the Corporation of the City of Victoria, under the City of Victoria Official Map Amendment Act of 1889, desire to submit the following report for the information of His Worship the Mayor, and the City Council.

On behalf of the Commissioners,

Your obedient servant,

J. D. PEMBERTON.

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VICTORIA, B. C.,

9th January, 1891.

The Commissioners, Messrs. J. D. Pemberton, G. Hargreaves and C. E. Perry, were notified of their appointments on March 11th, 1889, and after a careful examination of plans and other information, the work of placing the monuments at the governing points of the streets was at once proceeded with. A great deal of precaution was required in so arranging the street lines that while the interests of the City were protected, undue cause for complaint should not be given to property holders and vexatious litigation avoided; this has been effected and finally plans covering all the streets

named in the Act and showing position of boundaries were examined, certified and signed by the Commissioners and deposited in the Land Registry Office.

The Commissioners were requested by the Council to establish grades for the different streets and at their suggestion profiles were prepared from levels taken all along the different streets of the City.

The Commissioners desire to thank the City Clerk and City Surveyor for their courtesy and promptness in furnishing information when requested.

All of which is respectfully submitted,

Signed on behalf of the Commissioners.

J. D. PEMBERTON.

—:—:—  
VICTORIA, B. C.,

9th January, 1891.

The Corporation of the City of Victoria to the Commissioners appointed under the City of Victoria Official Map Amendment Act of 1889:

DR.—For services rendered and more particularity described in report herewith. . . . . \$450.00

On behalf of the Commissioners,

J. D. PEMBERTON.

## Report of Police Committee.

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VICTORIA, B. C., January, 1891.

To His Worship the Mayor and Board of Aldermen.

GENTLEMEN,

We, your Police Committee, beg leave to present to the Board the accompanying report of the Superintendent of Police, with status of Police matters for the past year. We have examined the same, and have much pleasure in recommending the suggestions contained therein, and feel a satisfaction that the order maintained in the City during the past year has been of that character, which goes to show that our citizens are a law abiding people.

All of which is respectfully submitted.

A. J. SMITH, }  
J. HOLLAND, } COMMITTEE.  
S. L. KELLY. }

## Report of Superintendent of Police.

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To His Worship, the Mayor and the Board of Aldermen.

GENTLEMEN,

I have the honor to herewith submit the Annual report of the Police department for the year ending December 31st, 1890.

The composition of the Force at this date is as follows :

Superintendent.....	1
Sergeant.....	1
Constables.....	12
	---
Total.....	14 (all in uniform)

Of this number two are detailed for duty in the lock-up, leaving 10 Constables for patrol duty. During the year three Constables have been added to the strength of the force, but no removals have been made. All the old members of last year still remain on the force.

The present condition of the force is very fair, comparatively few complaints have been made against Constables for neglect of duty, &c., during the year, and those which have been preferred have been more or less of a trivial nature, the penalties for which a reprimand has been sufficient.

The clothing at present is in good condition, having been recently issued.



The new Police station, or barracks, has proved a source of great comfort and convenience to the members of the force, which they highly appreciate.

The arrangements and accommodation in the lock-up have also been much improved by the new addition of the female ward.

In submitting the detailed account of all cases brought before the Police Court during the year it will be seen that crimes of a very serious nature are happily of rare occurrence, the most serious cases recorded being two of wilful murder, one Chinese and one white man, but I am pleased to state that in each case the murderer was promptly brought to justice.

The number of convictions obtained for infractions of the City By-Laws greatly exceed those of last year.

I have been pleased to state that there has never been any riot in this city, and it is satisfactory to note that with the large concourse of people in and around the City during the 24th of May celebration last, it was not found necessary to make one single arrest.

Taking into consideration the great increase to the population of the City, the large number of men employed on public works, and the amount of traffic from the various Sound cities and from all parts of the Dominion of Canada, I consider the percentage of crime committed in the City of Victoria will compare favorably with that of any other City in the Dominion or elsewhere, a fact which speaks well for the general efficiency of the department, considering the smallness of the force compared with many other cities of the Dominion.

I would beg respectfully to recommend the immediate appointment of a second sergeant, otherwise the new rules and regulations under which we are now working cannot be effectively carried out.

I also recommend the construction of a water-closet at the Police Station, for the use of the Constables, who have at present to use the prisoners' closet in the lock-up, which is very unsatisfactory, besides the inconvenience of coming down stairs at night and waiting in the cold while the jailer is being rung up to let them in.

I wish also to state, that in the event of the projected extension to the City limits being carried out the police force must of necessity be considerably enlarged, and an ambulance waggon will be needed for the conveyance of prisoners from the suburbs to the City lock-up and for various other purposes for which we have at present to pay hack hire.

I have the honor to remain, Gentlemen,

Your obedient servant,

HENRY W. SHEPPARD,

Superintendent of Police.

OFFENCES COMMITTED BY INDIANS  
DURING 1890.

No	NAME OF OFFENCE.	Committed in the Police Court.	Sent for Trial.	Discharged.	TOTAL.
1	Assault.....	1			1
2	Attempt to Rescue Prisoner.....			1	1
3	Assaulting Officer on Duty.....	1			1
4	Creating a Disturbance.....			1	1
5	Drunks.....	103		3	106
6	Indecent Exposure.....	1			1
7	Larceny.....			1	1
8	Necessary Witness.....			6	6
9	Possessions of Intoxicants.....	24		6	30
TOTALS.....		130		18	148

OFFENCES COMMITTED BY CHINESE  
DURING 1890.

No.	NATURE OF OFFENCE.	Committed in the Police Court.	Sent for Trial.	Discharged.	TOTAL.
1	Assault.....	2			2
2	Assault with Intent to do Bodily Harm.....	1		1	2
3	City By-Laws, Infraction of.....	29		6	35
4	Carrying Concealed Weapons.....	2			2
5	Creating a Disturbance.....	4			4
6	Fighting.....	4			4
7	Gambling.....	34		3	37
8	Highway Robbery.....			1	1
9	Indecent Exposure.....	2			2
10	Larceny.....	3		6	9
11	Malicious Damage to Property.....			1	1
12	Murder.....		1		1
13	Necessary Witness.....			1	1
14	Obtaining Goods under False Pretences.....			1	1
15	Possession of Stolen Property.....			1	1
16	Perjury.....		1	2	3
17	Supplying Intoxicants to Indians.....	4			4
18	Suspicion of Stealing.....			1	1
19	Unlawful use of Opium.....			1	1
20	Unsound Mind.....			1	1
21	Vagrancy.....	3		3	6
TOTALS.....		88	2	29	119

OFFENCES COMMITTED BY ALL OTHERS BUT  
INDIANS AND CHINESE DURING 1890.

No.	NATURE OF OFFENCE.	Committed in the Police Court.	Sent for Trial.	Discharged.	TOTAL.
1	Assault.....	27		8	35
2	Assaulting Officer on Duty.....	1			1
3	Assault with Intent to do Bodily Harm.....	2	1		3
4	Assisting Seamen to Desert, H. M. Navy.....	1		1	2
5	Burglary.....		5	2	7
6	Beating Passage on Steamboat.....	2			2
7	Cutting and Wounding.....		1		1
8	Carrying Concealed Weapons.....	4		2	6
9	Customs Act, Infraction of.....			1	1
10	City By-Laws, Infraction of.....	126		38	164
11	Creating a Disturbance.....	8			8
12	Cruelty to Animals.....	1			1
13	Drunk.....	279		19	298
14	Desertion from H. M. Navy.....	12			12
15	Desertion from Canadian Mounted Infantry.....	2			2
16	Disturbing places of Worship.....	2			2
17	Disorderly Conduct on Street.....	2			2
18	Enticing Seamen to Desert from H. M. Navy.....	1			1
19	Forgery.....		1	1	2
20	Fighting.....	8		2	8
21	Frequenting Houses of Ill Fame.....	8		2	10
22	Highway Robbery.....		2		2
23	Indecent Exposure.....	6			6
24	Inmate of House of Ill Fame.....	3			3
25	Indecent Assault.....	1		1	2
26	Keeping Houses of Ill Fame.....	8			8
27	Larceny.....	22	9	15	46
28	Lodgings.....			24	24
29	Murder.....		1		1
30	Malicious Damage to Property.....	2		6	8
31	Merchants Shipping Act, Infraction of.....			6	6
32	Necessary Witness.....	1		7	7
33	Neglecting to Provide for Family.....			2	2
34	Obtaining Money under False Pretences.....	1	3	3	7
35	Obtaining Goods Under False Pretences.....			1	1
36	Possession of Stolen Property.....			4	4
37	Refusing to Support Family.....	1		2	3
38	Robbery from the Person.....			1	1
39	Refusing to Pay Wages.....	1			1
40	Supplying Intoxicants to Indians.....	12		4	16
41	Shouting with Intent to do Bodily Harm.....		1		1
42	Threatening Language.....	3		3	6
43	Threatening to Kill.....	1			1
44	Unsound Mind, &c.....	5		30	35
45	Using Insulting Language.....	8		1	9
46	Vagrancy.....	32		10	42
TOTALS.....		590	24	197	811

## RECAPITULATION.

1890 MONTHS.	All Others but Indians and Chinese.				INDIANS.				CHINESE.				TOTALS.
	Convicted in Police Court.	Committed for Trial.	Discharged.	TOTAL.	Convicted in Police Court.	Committed for Trial.	Discharged.	TOTAL.	Convicted in Police Court.	Committed for Trial.	Discharged.	TOTAL.	
January.....	34	3	28	.....	7	.....	.....	.....	4	.....	1	.....	75
February.....	34	2	10	.....	5	.....	.....	.....	25	.....	4	.....	94
March.....	48	.....	18	.....	17	.....	.....	.....	9	.....	6	.....	109
April.....	49	1	11	.....	6	.....	3	.....	.....	.....	8	.....	87
May.....	39	1	18	.....	5	.....	.....	.....	1	.....	.....	.....	81
June.....	49	5	9	.....	15	.....	2	.....	12	.....	1	.....	86
July.....	43	2	12	.....	11	.....	1	.....	4	.....	2	.....	75
August.....	81	.....	29	.....	8	.....	4	.....	6	.....	.....	.....	128
September.....	46	.....	12	.....	8	.....	1	.....	9	.....	2	.....	78
October.....	73	3	28	.....	23	.....	.....	.....	2	.....	.....	.....	128
November.....	81	2	15	.....	8	.....	.....	.....	1	.....	2	.....	89
December.....	42	2	20	.....	8	.....	2	.....	5	.....	2	.....	81
GRAND TOTALS.....												1078	

1890. NATIONALITY.		Convicted in Police Court.	Committed for Trial.	Discharged.	TOTAL.
All others but Indians and Chinese.....	.....	590	24	197	811
Indians.....	.....	180	.....	18	148
Chinese.....	.....	88	2	29	119
TOTALS .....		808	26	244	1078

## Report of the Street Committee.

CITY HALL, VICTORIA, B. C.,

31st December, 1890.

His Worship the Mayor and Board of Aldermen.

GENTLEMEN:—

Your Committee have the honor to submit the following statement, showing the work performed during the year, including contracts, box drains laid, rock taken out by steam drill, rock broken by rock crusher, rock broken by hand, streets macadamized and repaired, sidewalks laid by contract and by city carpenter during the year.

### CONTRACTS ON HAND AT CLOSE OF 1889 AND COMPLETED IN 1890.

WARD.	STREET.	NATURE OF WORK.	CONTRACTOR.	COST.
James Bay....	Catharine.....	Grading and Blasting.	J. Baker .....	\$6,787 00
".....	Superior .....	Gravelling.....	J. Baker.....	\$1,066 00
Yates & Johnson..	Fernwood Rd....	Grading.....	J. Cox .....	\$1,337 42
Johnson St....	Discovery.....	Blasting Rock.....	W. Snider.....	\$ 837 50
Yates St. ....	Yates.....	Blasting Rock .....	H. H. McDonald..	\$2,012 00
Yates St. ....	View.....	Gravelling.....	J. Baker.....	\$ 600 00

### WORK PERFORMED BY CONTRACT DURING THE YEAR.

WARD.	STREET.	NATURE OF WORK.	CONTRACTOR.	COST.
Johnson.....	Fourth.....	Gravelling .....	A. Hewick.....	\$392 50
Johnson .....	Johnson .....	Depositing Rock on st.	J. Haggerty.....	\$500 00
Johnson.....	Johnson.....	Strength'g Rk By Bdg.	Williams & West	\$557 00

## CONTRACTS ON HAND BUT NOT COMPLETED.

WARD.	NATURE OF WORK.	CONTRACTOR.
Johnson Street.....	Concreting Piles under draw of Rock Bay Bridge	W. Luney

## BOX DRAINS LAID DURING THE YEAR.

Johnson street ward.....	5,804 feet
Yates " " .....	1,905 "
James Bay .....	4,761 "

## ROCK BROKEN BY HAND.

Johnson street ward .....	988 $\frac{1}{4}$ yards
Yates " " .....	187 "
James Bay " .....	201 $\frac{1}{2}$ "
	<u>1,376<math>\frac{3}{4}</math> yards.</u>

## ROCK TAKEN OUT BY STEAM DRILL.

Johnson street ward.....	3,000 yards
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## ROCK BROKEN BY CRUSHER.

James Bay ward.....	650 yards
Yates street ward.....	1,382 "
Johnson street ward.....	1,200 "
	<u>3,232 yards</u>

## NEW SIDEWALKS LAID BY CONTRACT.

## JOHNSON STREET WARD.

658 feet 4 feet wide
2351 " 6 " "
1313 " 8 " "
568 " 10 " "
100 " 12 " "

## JAMES BAY WARD.

1316 feet 4 feet wide
797 " 6 " "
32 " 8 " "

## YATES STREET WARD.

128 feet 12 feet wide

## NEW SIDEWALKS LAID BY CITY CARPENTER

## JOHNSON STREET WARD.

6 feet wide, 4122 feet
8 " " 690 "
10 " " 592 "
12 " " 100 "
<hr/>
5504 feet

## YATES STREET WARD.

6 feet wide, 1360 feet
10 " " 600 "
12 " " 800 "
<hr/>
2760 feet.

## JAMES BAY WARD.

6 feet wide, 950 feet.

## SIDEWALKS REPAIRED BY CITY CARPENTER.

## JOHNSON STREET WARD.

4 feet wide, 100 feet,
6 " " 1622 "
8 " " 818 "
10 " " 3169 "
12 " " 325 "
<hr/>
6084 feet.

## YATES STREET WARD.

4 feet wide, 545 feet
6 " " 1103 "
8 " " 575 "
10 " " 1498 "
12 " " 260 "
<hr/>
3981 feet.



## JAMES BAY WARD.

3 feet wide,	40 feet
4 " "	1390 "
5 " "	30 "
6 " "	845 "
8 " "	708 "
10 " "	338 "
12 " "	59 "
	-----
	2461 feet.

## THE FOLLOWING STREETS WERE MACADAMIZED DURING THE YEAR.

Alfred Street.	Johnson Street.
Bay Street.	Kings Road.
Blanchard Street.	Langley Street.
Broad Street.	North Park Street.
Broughton Street.	Pandora Street.
Chambers Street.	Pembroke Street.
Chatham Street.	Pioneer Street.
Constance Street.	Pleasant Street.
Cook Street.	Princess Avenue.
Cormorant Street.	Store Street.
Douglas Street.	Turner Street.
Harrison Street.	Vancouver Street.
Henry Street.	View Street.
Hillside Avenue	Wharf Street.
John Street.	Work Street.

Pandora Street, North, extending from Rebecca Street to Fernwood Road, was put in hands at the beginning of the year, for the purpose of grading and widening the Street; a considerable amount of work has been done, but owing to the large quantity of rock required to be blasted and the state of the finances, your Committee thought it advisable to discontinue the work. They would earnestly recommend the incoming Board to cause the work to be resumed at an early date.

Blanchard Street from Rae Street to Burdett Avenue has been completed, and your Committee hope that the incoming Board will continue the work and grade Burdett Avenue from Churchway to Quadra Street.

An agreement was entered into with Mr. James Baker to grade Chatham Street, Spring Ridge, from Chambers Street to Fernwood Road, 40 feet in width, for the privilege of taking the sand underlying 20 feet of the Street to the depth of the subgrade.

The property owners on said street with the exception of the Trustees of the Stafford estate, and the owners of lot 24, sub-section 52, have signed an agreement to give 10 feet from their property for the purpose of widening the street from 20 feet to 40 feet,

The work has been prosecuted faithfully by Mr. Baker, but a few of the property owners now refuse to allow their fences and buildings to be removed until the Stafford Estate allow theirs to be removed and give the 10 feet required.

In conclusion your Committee would strongly recommend the macadamizing of Catherine Street by the Park Committee of the incoming Board, the street having been graded by the Street Committee at a cost of \$6,387, which was paid out of the appropriation for streets.

All of which is respectfully submitted.

L. VIGELIUS,	}	Committee.
J. B. HARRISON,		
J. HOLLAND,		

## Victoria Public Library.

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VICTORIA, B. C.,

31st December, 1890.

To the Library Committee.

GENTLEMEN:—

I have to report to you—1st, an increase of 800 volumes for the year, worth at least \$900; we have now 6,000 volumes.

2nd. We have given out during the year 26,568 books; to ladies, 11,983; to gentlemen, 14,585.

Our average daily lending, therefore, has been quite 100 for the whole year; far above any anticipations. We have had as many as 180 in a single day.

3rd. New members have joined at the rate of 80 a month. These are 375 ladies, and 578 gentlemen; making 973 for the year.

We have now a total membership of 1970.

We had catalogues printed some time ago, and, up to date, have sold over \$100 worth.

The Library has been removed to the City Hall building, into much more commodious rooms. Here there is room for the extension of book shelves, and that this is much needed, is evident, in view of the above report.

The general reading room is larger and more suitable; and we have here a ladies' reading room very comfortably arranged.

Two months ago an assistant was appointed, so that the lending library could be kept open the whole day and every day.

In fact, the Committee can point to a year's work, neither equalled nor excelled in many larger cities, either on the Coast or in the East.

I have the honor to be,

JAMES MCGREGOR,

Librarian

JOHN ROBERTSON,  
W D. MCKILLICAN.

## Report of Park Committee.

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Although only a small sum was placed at the disposal of your Committee at the beginning of the year, it has been expended economically and to the best advantage, so that your Committee are able to report progress.

As all are aware, the excellent landscape design selected for the park has only partially been executed.

What has been done has excited the admiration of every one, and as a result thousands more have visited the park than during any previous year.

Your Committee sincerely hope that the ratepayers this year will vote a sum sufficient to complete this handsome work of improvement.

The trees, shrubbery, animals, birds, fish, etc., in the park are in a fine and flourishing condition.

Your Committee beg to tender many thanks to the kind donators to the park and the "Zoo" during the year, and also to those gentlemen whose donations are now on the way from England and elsewhere.

All of which is respectfully submitted.

L. GOODACRE,  
W. WILSON,  
LOUIS VIGELIUS, } Committee.

## Market Committee Report.

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January 7th, 1891.

To His Worship the Mayor and Board of Aldermen.

GENTLEMEN :—

Your Special Market Committee would respectfully report as follows :—

That we have purchased a site for the Public Market, situated on Cormorant and Fisguard streets, three and one-half lots on the former street and five lots on the latter, at a cost of \$42,000, which, we consider, was a very cheap property.

We have also accepted the plans of John Teague, Esq., architect, for the new Market Building, which we consider was the best and most suitable for the building in question, and recommend the incoming Council to proceed with the work at their earliest convenience.

Respectfully submitted.

J. HOLLAND, Chairman,  
W. D. MCKILLICAN.  
A. J. SMITH.

# Report on By-Laws.

To His Worship the Mayor and the Board of Aldermen.

GENTLEMEN:—I have the honor to lay before you a list, including numbers, titles, and dates, of the By-Laws that have passed the Council during the year 1890, viz:—

Number.	TITLE OF BY-LAW.	Passed First Reading.	Assented to by the Ratepayers.	Finally Passed.
72	The Rice Mill Bonus By-Law, 1889	Dec 23, '89	Jan. 7, '90	Jan. 8, '90
73	The Flour Mill Bonus By-Law, 1889	"	"	"
74	The Paper Mill Bonus By-Law, 1889	"	"	"
75	The Sugar Refinery Bonus By-Law, 1889	"	"	"
76	The Bank Credit Bonus By-Law, 1889	Jan. 29	"	Feb. 5
77	A By-Law respecting the Expenditure of the Municipal Revenue for the year 1890	Feb. 6	"	Feb. 12
78	The Assessor, Buildings Inspector and Superintendent of Public Works By-Law, 1890	Feb. 12	"	Feb. 19
79	The Water Works Foreman Appointment By-Law, 1890	Feb. 19	"	Feb. 26
80	The City Hall Addition Loan By-Law, 1890	Feb. 19	"	March 5
81	The Cemetery Loan By-Law, 1890	"	"	"
82	The Johnson Street Sewer Regulation By-Law, 1890	March 3	"	March 26
83	The Victoria Real Estate Tax Sale By-Law, 1890	March 26	"	April 16
84	The Wards By-Law, 1890	April 10	"	April 30
85	The Buildings Amendment By-Law, 1890	April 10	"	May 7
86	The Revenue By-Law Amendment By-Law, 1890	May 14	"	May 21
87	Park By-Law, 1890	June 4	"	June 11
88	A By-Law to amend the Revenue By-Law, 1889	July 9	"	June 25
89	A By-Law Fixing Special Rate to be Levied in respect of the By-Law Authorizing the Construction of the Water Works for the City of Victoria, 1873	July 9	"	July 23
90	A By-Law Fixing the Rate to be Levied in respect of the \$50,000 Water Works Loan, 1875	July 9	July 23	"
91	A By-Law Reducing Special Rate Imposed by the Water Works Debenture and Revenue By-Law Amendment By-Law, 1877	July 9	"	July 23
92	A By-Law Reducing Special Rate Imposed by the By-Law to Authorize the Raising of \$20,000, 1878	July 9	"	July 23
93	A By-Law Reducing Special Rate Imposed by the "Public Lighting" By-Law, 1885	July 6	"	July 23
94	A By-Law Reducing Special Rate imposed by the Drainage By-Law, 1885	July 9	"	July 23
95	A By-Law Reducing Special Rate Imposed by the "Water Works Loan By-Law, 1886"	July 9	"	July 23
96	A By-Law Reducing Special Rate Imposed by the Street and Bridge Loan By-Law, 1886	July 9	"	July 23
97	A By-Law Reducing Special Rate Imposed by the Johnson Street Sewer By-Law, 1888	July 9	"	July 23
98	A By-Law Reducing Special Rate Imposed by the Water Works Loan By-Law, 1888	July 9	"	July 23

REPORT ON BY-LAWS.—Continued.

Number.	TITLE OF BY-LAW.	Passed First Reading.	Assented to by the Ratepayers.	Finally Passed
99	A By-Law Reducing Special Rate Imposed by the \$45,000 Loan By-Law, 1889. ....	July 9. ....	.....	July 23
100	A By-Law Reducing Special Rate Imposed by the \$70,000 Water Works Loan By-Law, 1889. ....	July 9. ....	.....	July 23
101	A By-Law Reducing Special Rate Imposed by the \$60,000 Water Works Loan By Law, 1889. ....	July 9. ....	.....	July 23
102	A By-Law Reducing Special Rate Imposed by the Pleasure Grounds Loan By-Law, 1889. ....	July 9. ....	.....	July 23
103	A By-Law Reducing Special Rate Imposed by the Fire Department By-Law, 1889. ....	July 9. ....	.....	July 23
104	A By-Law Reducing Special Rate Imposed by the Street Railway Guarantee By-Law, 1889. ....	July 9. ....	.....	July 30
105	A By-Law Reducing Special Rate Imposed by the Victoria Saanich and New Westminster Railway Bonus By-Law, 1889. ....	July 9. ....	.....	July 30
106	A By-Law Reducing Special Rate Imposed by the City Hall Addition By-Law, 1890. ....	July 9. ....	.....	July 30
107	A By-Law Reducing Special Rate Imposed by the "Cemetery Loan By-Law, 1890." ....	July 9. ....	.....	July 30
108	A By-Law Reducing Special Rate Imposed by the "Flour Mill Bonus By-Law, 1889." ....	July 9. ....	.....	July 30
109	A By-Law Reducing Special Rate Imposed by the "Paper Mill Bonus By-Law, 1889." ....	July 9. ....	.....	July 30
110	A By-Law Reducing Special Rate imposed by the "Sugar Refinery Bonus By-Law, 1889." ....	July 10. ....	.....	July 30
111	A By-Law Respecting the Municipal Assessment Roll for the year 1890. ....	June 25. ....	.....	July 30
112	A By-Law Prohibiting the Sale of Intoxicating Liquors to Minors under the Age of 20 years.	July 16. ....	.....	July 30
113	A By-Law Appointing three Commissioners of Sewers. ....	August 6. ....	.....	Sept. 3
114	A By-Law to Amend the "Bank Credit By-Law, 1890." ....	Sept. 3. ....	.....	Sept. 10
115	A By-Law to Amend the "Buildings By-Law." ....	Sept. 3. ....	.....	Sept. 10
116	A By-Law Providing for the Widening of Chatham Street. ....	Sept. 3. ....	.....	Sept. 10
117	A By-Law to Appoint Park Commissioners for Beacon Hill Park. ....	Sept. 6. ....	.....	Sept. 10
118	A By-Law to Amend the "Revenue By-Law Amendment By-Law, 1890." ....	Sept. 3. ....	.....	Sept. 7
119	A By-Law to Repeal the "Fire Prevention By-Law."	Sept. 3. ....	.....	Sept. 23
120	A By-Law to Enable the Corporation of the City of Victoria to Raise the sum of \$300,000 for Sewerage Purposes. ....	Sept. 18. ....	.....	Sept. 30
121	A By-Law Authorizing the Sale of part of Lot 423, Block 2, Victoria City. ....	Sept. 18. ....	.....	Sept. 30
122	The Streets By-Law Amendment By-Law, 1890. ....	Nov. 5. ....	.....	Nov. 12
123	The Revenue By-Law 1889 Amendment By-Law, 1890, No. 4. ....	Nov. 12. ....	.....	Nov. 19
124	Resolution re the Extension of the City Limits. ....	Oct. 1. ....	.....	.....
125	The Public Market Site By-Law, 1890. ....	Oct. 8. ....	Dec. 2. ....	Dec. 3
126	The Public Market Building By-Law, 1890. ....	Oct. 8. ....	Dec. 2. ....	Dec. 3
127	The Crematory By-Law, 1890. ....	Oct. 8. ....	Dec. 2. ....	Dec. 3
128	The Streets Width By-Law, 1887 Amendment By-Law, 1890. ....	Nov. 26. ....	.....	Dec. 18
129	The Commissioners of Sewers Appointment By-Law Amendment By-Law, 1890. ....	Dec. 3. ....	.....	Dec. 18
130	Municipal Election Regulation By-Law, 1890. ....	Dec. 20. ....	.....	Jan. 2



I have the honor to report also that there have been 52 regular, 16 special, and 5 adjourned meetings of the Council during the year just closed.

I have the honor to be, Gentlemen,

Your obedient servant,

WELLINGTON J. DOWLER,

Clerk of the Municipal Council.

## Building Inspector's Report.

VICTORIA, B. C., January 6th, 1891.

To His Worship the Mayor and the Board of Aldermen.

GENTLEMEN,

In presenting this, my first report as Building Inspector, I do so with pleasure as the following figures will show the prosperity and substantial growth of our city.

During the past year there were erected or being  
erected 311 frame buildings at a cost of...\$647,500  
and 28 separate brick buildings at a cost of. 453,700

Making a total of.....\$1,101,200

This does not include ordinary repairs which have to be done at all times, and which I have no hesitation in stating would amount to another hundred thousand dollars.

The 28 brick blocks are classified as follows:—

1	block	4	stories	in	height
16	"	3	"	"	"
9	"	2	"	"	"
2	"	1	"	"	"

Comprising..... 28 stores.  
..... 1 addition to City Hall.  
..... 2 churches.  
..... 3 hotels.  
..... 1 stone church  
..... 1 wholesale house.  
..... 1 factory.  
..... 4 dwellings.

311 Frame Buildings classified as follows :

123	buildings	2	stories	in	height.
50	"	1½	"	"	"
138	"	1	"	"	"

Divided into wards they stand as follows:—

JAMES BAY WARD.

	No.	Cost.
Frame Buildings.....	120	\$319,300
Brick Buildings.....	4	36,500

YATES STREET WARD.

Frame Buildings .....	72	222,200
Brick Buildings.....	19	325,800

JOHNSON STREET WARD.

Frame Buildings.....	119	146,700
Brick Buildings.....	5	50,700

Making a total of.....\$1,101,200

I have visited all the frame buildings once, and the brick buildings four or five times each, and have also examined the plans. In all cases the brick buildings are built in accordance with the City By-Laws. I have prepared a detail list of all new buildings which can be inspected at any time.

I remain, Gentlemen,

Your obedient servant,

WM. W. NORTHICOTT.

REPORT  
OF THE  
Superintendent of Public Works.

---

To his Worship the Mayor and Board of Aldermen.

GENTLEMEN,

Your Superintendent of Public Works for the city would respectfully report as follows :—

That I have looked after the different buildings which the city has had built during the past season, namely, addition to City Hall, Female Prison Ward, and the finishing up of the Fire Hall and Police Barracks, as well as the furnishing of the different offices throughout.

And I have given as much time to this department as my other duties would permit.

And that the several works have been done in accordance with the plans and specifications prepared for the above buildings.

Your obedient servant,

WM. W. NORTHCOTT.

## Report of Assessment Committee.

---

To His Worship the Mayor and Board of Aldermen.

GENTLEMEN:—

Your Assessment Committee would respectfully report as follows:—

That we did not consider it advisable to disturb the values of the different properties for the year 1890, on account of its having been done in 1889, excepting those acreage properties which were subdivided into building lots, and also all new buildings that were erected in 1889, which increased the roll nearly half a million of dollars.

We think it would be advisable that, owing to the great progress our city is making, there should be a revaluation this year.

And would also recommend to the incoming Council to petition the Legislature, at its next session, to have section 119, clause 3, changed in the Assessment Law, which would be an advantage and more equitable to all parties concerned.

S. L. KELLY, Chairman.  
A. J. SMITH,  
L. GOODACRE.

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REPORT

—OF THE—

CITY TREASURER.

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# Corporation of the

## CASH STATEMENT FOR THE YEAR

### BALANCE SHEET,

## ASSETS.

## MUNICIPAL TAXES OUTSTANDING:—

Water rents.....	\$	9,261 54	
Insurance tax.....		1,428 00	
Trade Licenses.....		1,332 50	
Real estate Tax.....		13,799 86	
		\$ 25,838 90	

## BANK B. N. A. SINKING FUND ACCOUNT—

Water works.....	\$100,000	\$ 45,145 63	
do	50,000	31,788 13	
do (1877).....	20,000	7,524 63	
do	75,000	6,571 82	
do (1888).....	20,000	540 59	
do	70,000	1,428 80	
do	60,000	1,228 70	
Electric Light.....	18,000	3,161 18	
Drainage.....	5,000	989 72	
Streets.....	50,000	1,861 94	
do	45,000	919 50	
Corporation.....	20,000	9,743 78	
Johnson Street Sewer.....	30,000	808 79	
Park.....	25,000	510 30	
Fire.....	15,000	331 15	
City Hall.....	35,000	735 40	
Cemetery.....	12,500	292 15	
		\$ 113,519 21	
Bank B. N. A. Sewerage Fund.....	7,729 61		
Sewerage Works, new loan.....	7,270 39		
		\$ 15,000 00	
Johnson Street Sewer account.....		37,876 22	
Water Works Construction account.....		484,116 57	
Beacon Hill Park.....		25,000 00	
Electric Light Plant.....		27,160 36	
do Building.....		3,500 00	
do Lot 318.....		4,000 00	
Spring Ridge Property.....		13,000 00	
Deluge Engine House & Lots.....		15,000 00	
Lots 4 and 5, Beckley Farm.....		1,400 00	
Cemetery Addition.....		12,180 00	
Market Site.....		35,200 00	
City Hall and Lots 1249, 1250.....		100,000 00	
Furniture and Fixtures.....		4,024 59	
Corporation Horses and Carts.....		850 00	
Steam Engine.....		1,000 00	
Road Roller and Crusher.....		5,019 55	
Steam Drills.....		1,017 08	
Street Sprinkler.....		761 37	
Street Repairs, 2,050 yards Rock.....		3,075 00	
Fire plant.....		38,346 40	
Library.....		2,250 00	
T. Storey.....		101 25	
Thos. Russell.....		2,000 00	
Cash on hand.....		1,766 01	
		\$975,740 46	

Certified Correct,

JAS. L. RAYMUR,

Auditor.

# City of Victoria.

ENDING 31ST DECEMBER, 1890.

31ST DECEMBER, 1890.

## LIABILITIES.

Bank B. N. A., Overdraft.....		\$ 71,675 08
do Market Account.....		35,200 00
Water Work Revenue Account.....		56,820 93
Water Works Debentures, 1874.....	\$	92,500 00
do do 1875.....		50,000 00
do do 1877.....		20,000 00
do do 1881.....		20,000 00
do do 1880.....		70,000 00
do do 1886.....		60,000 00
do do 1888.....		75,000 00
Street do 1888.....		45,000 00
do do 1890.....		50,000 00
Park do 1889.....		25,000 00
Fire do 1889.....		15,000 00
Johnson St. Sewer, do 1888.....		30,000 00
Corporation do 1874.....		20,000 00
Drainage do 1885.....		5,000 00
Electric Light do 1885.....		16,000 00
Cemetery do 1889.....		12,500 00
City Hall do 1889.....		35,000 00
		<hr/>
		\$641,000 00
Deposit Account, for Use of Streets.....		710 00
A. McBean & Co., Deposit.....		15,000 00
Tax Sale Redemption Account.....		37 87
Unclaimed Wages.....		54 94
Outstanding Accounts.....		335 29
B. C. Government.....		8,064 02
Corporation of Victoria, Balance of Assets over Liabilities..		152,112 92

\$ 975,740 45

Victoria, January 12th, 1891.

CHAS. KENT,

Treasurer.

of the  
YEAR  
SHEET,

\$ 25,838 00

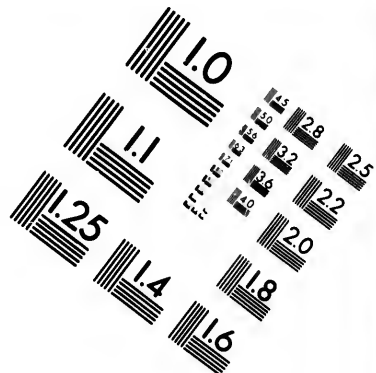
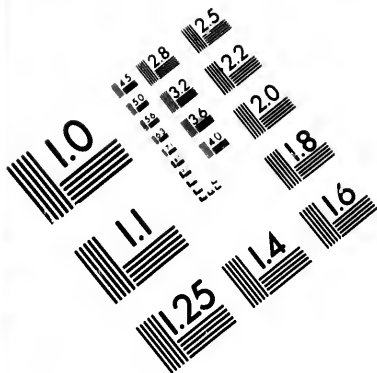
\$ 113,519 21

\$ 15,000 00  
87,675 22  
484,116 57  
25,000 00  
27,150 86  
3,500 00  
4,000 00  
13,000 00  
13,000 00  
1,400 00  
12,180 00  
35,200 00  
100,000 00  
4,024 53  
850 00  
1,000 00  
5,019 55  
1,017 08  
751 87  
3,075 00  
38,346 40  
2,250 00  
101 25  
2,000 00  
1,766 01

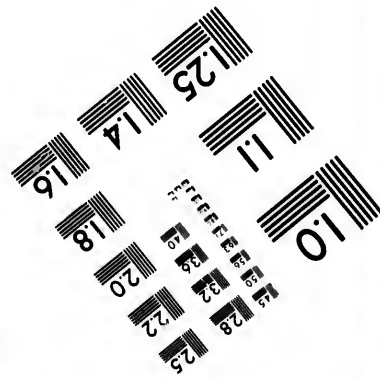
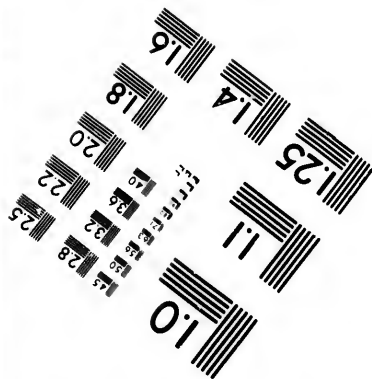
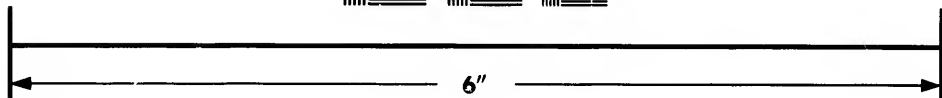
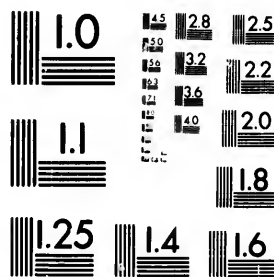
\$975,740 45







**IMAGE EVALUATION  
TEST TARGET (MT-3)**



**Photographic  
Sciences  
Corporation**

23 WEST MAIN STREET  
WEBSTER, N.Y. 14580  
(716) 872-4503



# Corporation of the

## CASH STATEMENT FOR THE YEAR

### RECEIPTS.

Cash on hand Jan. 1st, 1890 .....	\$ 5,054 49
Bank British North America .....	83,569 57
Water Rents .....	43,603 76
Fire Insurance Tax .....	7,800 00
City Pound Fees, etc. ....	480 00
Surveying Street Lines .....	205 00
General Interest .....	356 25
Real Estate Tax .....	100,569 59
Trade Licenses .....	22,632 50
Wholesale Liquor Licenses .....	3,075 00
Retail Liquor Licenses .....	14,440 00
Road Tax .....	1,604 75
Drivers Licenses .....	37 00
Dog Tax .....	227 10
House Moving .....	80 00
Corporate Seal .....	11 00
Weighing Machine Fees .....	365 75
City Maps .....	7 00
Cemetery Fees .....	2,223 75
Unclaimed Wages .....	54 34
Bank B. N. A., Water Works Account .....	39
Deposit Account for Use of Streets .....	1,230 00
Registration of Vehicles .....	120 00
Library for Catalogues .....	100 00
A. McBean, Deposit Sewerage Account .....	15,000 00
Bank B. N. A., Market Site Account .....	35,200 00
Drainage Account, Refund from Sewerage Commissioners .....	4,400 50
Bank British North America, Johnson Street Sewer .....	7,249 50
Fire Plant, Sale of Horses .....	275 00
By-Laws .....	40 00
Redemption of Land Sold for Taxes .....	37 87
Thos. Storey .....	160 00
Jos. Gosnell .....	362 45
Cemetery Loan .....	12,500 00
City Hall Loan .....	35,000 00
Police Court Fees and Fines .....	5,109 50

Carried forward ..... \$ 403,242 06

of the  
YEAR

# City of Victoria.

ENDING 31ST DECEMBER, 1890.

## DISBURSEMENTS.

\$ 5,054 49	Water Works Debentures, Sinking Fund, \$100,000.....	\$ 3,790 00	
83,569 57	Water Works Debentures, Sinking Fund, \$50,000.....	2,500 00	
43,603 76	Water Works Debentures, Sinking Fund (1877), \$20,000.....	845 00	
7,800 00	Water Works Debentures, Sinking Fund, \$75,000.....	1,557 00	
480 00	Water Works Debentures, Sinking Fund, (1888), \$20,000.....	268 00	
205 00	Water Works Debentures, Sinking Fund, \$70,000.....	1,428 00	
356 25	Water Works Debentures, Sinking Fund, \$60,000.....	1,225 00	
100,569 59	Corporation Debentures Sinking Fund.....	855 00	
22,692 50	Electric Light Debentures, Sinking Fund.....	590 00	
3,075 00	Drainage Debentures, Sinking Fund.....	186 00	
14,440 00	Street Debentures, Sinking Fund, \$50,000.....	444 00	
1,604 75	Johnson Street Sewer, sinking fund.....	398 00	
37 00	Street Debentures, Sinking Fund \$45,000.....	919 00	
227 10	Park, Sinking Fund.....	510 00	
80 00	Fire, Sinking Fund.....	301 00	
11 00	City Hall, Sinking Fund.....	735 00	
365 75	Cemetery, Sinking Fund.....	262 00	
7 00			
2,223 75	Corporation Debentures, Interest.....	\$ 1,295 00	\$ 10,811 00
54 34	Water Works, \$100,000, Interest....	6,317 50	
39	" " 50,000, ".....	3,500 00	
1,230 00	" (1888) 20,000, ".....	1,000 00	
120 00	" (1877) 20,000, ".....	1,600 00	
100 00	" " 75,000, ".....	3,750 00	
15,000 00	" " 70,000, ".....	3,500 00	
35,200 00	" " 60,000, ".....	3,000 00	
4,400 50	Street Deben't's, 50,000, ".....	2,500 00	
7,249 50	Electric Light Debentures, Interest.....	960 00	
275 00	Drainage Debentures, Interest.....	300 00	
40 00	Johnson Street Sewer Debentures, Interest.....	1,500 00	
37 87	Streets, \$45,000, Interest.....	2,250 00	
160 00	Park, Interest.....	1,250 00	
362 45	Fire, Interest.....	750 00	
12,500 00			\$ 33,472 50
35,000 00	City Found.....		953 07
5,109 50	Survey Expenses.....		3,397 98
	Board of Health.....		4,714 52
	Johnson Street Sewer.....		14,897 22
	Legal Expenses.....		3,284 15
	Commission.....		354 20
	Donations.....		1,285 55
	Cemetery.....		1,519 78
	Electric Light Plant.....		749 01
	Deposit Account, amount refunded.....		800 00
	Sewerage Loan Fund.....		7,270 39
	Market Site.....		35,200 00
	Bank British North America, Sewerage Fund.....		7,729 61
	Drainage.....		4,568 11
	City Hall.....		33,428 23
	Office Furniture.....		2,578 29
	Road Roller and Crusher.....		410 95
	Fire Plant.....		7,024 69
	School Tax.....		6,468 33
	Outstanding Accounts.....		294 30
	Arbitration and Compensation for Damages.....		1,694 50
	Fountain.....		93 83
	Cemetery Loan Account.....		12,130 00
	Steam Drills.....		17 50
	Eberts & Taylor.....		1,700 00
	Interest.....		2,970 08
	Weighing Machine.....		87 45
\$ 403,242 06	Carried forward.....		\$ 206,475 24.

Brought forward..... \$ 403,242 06

Carried forward..... \$ 403,242 06

... \$ 408,242 06

Brought forward.....		\$ 206,475 24
<b>WATER WORKS EXTENSION—</b>		
Hauling.....	\$	53 00
Compensation for Accident.....		60 00
Pipes, &c.....		18,864 00
Lime.....		24 25
Carriage Hire.....		10 00
Sockets, Chisels, &c.....		30 08
Sundries.....		2 50
Balance from Bank Account.....		39
		<u>\$ 19,044 22</u>
<b>POLICE—</b>		
Salaries.....	\$	14,014 50
Carriage, Express hire.....		73 25
Fare of Prisoners.....		75 50
Inquests, Funerals, &c.....		285 50
Keep of Prisoners.....		1,530 20
Postage, Stationery, Printing.....		131 00
Drugs, &c.....		20 50
Gas.....		342 30
Telephones and Telegrams.....		148 20
Coal.....		136 00
Interpreter.....		32 50
Hardware, &c.....		119 70
Insurance.....		20 00
Furniture.....		122 60
Clothing, Blankets, &c.....		1,005 25
Half Fines.....		52 50
Sundries.....		69 55
		<u>\$ 19,088 55</u>
<b>WATER WORKS, GENERAL REVENUE—</b>		
Salaries.....	\$	5,240 00
Wages.....		2,563 84
Hauling and Express.....		1,952 93
Coal and Wood.....		492 50
Valves, Meters, &c.....		5,846 94
Lumber.....		153 21
Powder.....		95 05
Coal Tar.....		19 65
Telephone and Telegrams.....		177 10
Advertisements, Stationery and Printing.....		152 85
Hydrants, Pipe Fittings, &c.....		1,518 57
Boots.....		16 00
New Sheds.....		831 00
Refund Water Rate.....		14 34
Sundries.....		194 15
		<u>\$ 18,668 13</u>
<b>PARK—</b>		
Wages.....	\$	2,702 92
Cartage.....		24 50
Feed for Fish and Animals.....		358 95
Hardware, Powder, &c.....		119 57
Survey Cedar Hill Park.....		129 50
Insurance.....		7 50
Notice Boards.....		35 50
Sundries.....		2 50
		<u>\$ 3,390 94</u>
<b>LIBRARY—</b>		
Rent.....	\$	215 00
Salaries.....		733 80
Furniture, &c.....		55 19
Books, Printing, and Stationery.....		742 65
Gas.....		85 20
Coal.....		14 06
Insurance.....		102 66
Sundries.....		34 10
		<u>\$ 1,987 60</u>
<b>MISCELLANEOUS—</b>		
The Mayor.....	\$	2,000 00
The Aldermen.....		1,900 00
Views of Victoria.....		645 00
Band, Park.....		125 00
		<u>\$ 4,570 00</u>
Carried forward.....		<u>\$ 268,644 68</u>

... \$ 408,242 06

Brought forward.....\$ 403,242 06

Carried forward.....\$ 403,242 06



.....\$ 403,242 06

Brought forward.....		\$ 268,644 66
<b>MISCELLANEOUS.—Continued.</b>		
Brought forward.....	\$ 4,570 00	
Queen's Birthday Celebration.....	775 00	
Dominion Publishing Company.....	150 00	
Agricultural Society.....	530 00	
Entertaining Farmer's Delegation.....	233 24	
Special Edition "Times".....	570 50	
Board of Trade "Omaas Visitors".....	125 00	
Annual Donation to Hospitals, Orphans' Home, &c.....	230 00	
		\$ 7,123 74

**CHARGES—**

Salaries.....	7,691 87	
Postage.....	213 89	
Printing.....	1,330 27	
Advertising.....	2,944 80	
Stationery.....	691 72	
Hack Hire and Express.....	160 50	
Insurance.....	545 92	
By-Laws and Election.....	707 50	
Coal.....	145 25	
Telephone and Telegrams.....	251 30	
Furniture.....	515 75	
Engraving Address.....	52 30	
Engrossing Address.....	50 00	
Sundries.....	134 06	
		\$ 14,535 13

**FIRE DEPARTMENT—**

Wages.....	9,610 12	
Express Hire, &c.....	220 25	
Horses, Feed, &c.....	1,796 41	
Repairs.....	878 53	
Coal.....	246 25	
Stationery, Printing, &c.....	181 85	
Hardware, Oil, &c.....	384 58	
Hydrants.....	633 80	
Lumber.....	108 22	
Gas.....	1,092 83	
Telephone.....	213 80	
Harness, Boots, &c.....	236 87	
Insurance.....	68 75	
Asphalt Floor.....	354 25	
Carpenter Work and Furniture.....	205 80	
Damages at Fire.....	68 25	
Zincs.....	84 00	
Sundries.....	53 06	
		\$ 16,467 56

**WATER WORKS—\$80,000.**

Wages.....	\$ 13,607 05	
Pipe, &c.....	22,576 99	
Lead, &c.....	1,057 17	
Hauling.....	119 21	
Special Castings.....	974 23	
		\$ 38,334 65

**STREET LIGHTING—**

Wages.....	\$ 4,648 25	
Coal.....	2,131 50	
Ship Chandlery.....	229 04	
Hire, Keep of Horses.....	332 30	
Telephone and Telegrams.....	38 75	
Stationery.....	4 87	
Material, including Carbons, Globes and Freight and Duty on same.....	1,389 98	
Hardware.....	41 78	
Cartage, &c.....	45 65	
Pipe, Jettings.....	21 12	
Brick Work.....	57 00	
Insurance.....	176 87	
Sundries.....	25 90	
		\$ 9,143 01

.....\$ 403,242 06

Carried forward..... \$ 354,218 77

Brought forward..... \$ 403,242 06

\$ 403,242 06

Certified Correct.  
JAS. L. BAYMUR.  
Auditor

\$ 403,242 06

Brought forward.....		\$ 354,218 77
<b>STREETS, BRIDGES AND SIDEWALKS—CONTRACTS—</b>		
Gravelling Superior Street.....	\$ 1,066 00	
Balance Catherine Street.....	2,387 00	
Blasting Rock, Discovery Street.....	637 50	
Grading Fernwood Road.....	1,337 42	
Grading View Street.....	600 00	
McDonald, Blasting Rock.....	2,012 00	
Gravelling Fourth Street.....	392 50	
Grading Johnson Street.....	500 00	
Rock Bay Bridge.....	957 00	
Breaking Rock.....	1,445 69	
Wages.....	21,442 17	
Hauling.....	4,296 42	
Carriage, Express Hire.....	290 24	
Lumber.....	4,405 24	
Powder.....	271 25	
Hardware.....	1,122 05	
Feed of Horses and Shoeling.....	760 67	
Dies, &c.....	248 02	
Coal.....	448 85	
Law Costs.....	95 00	
Bridge Blocks.....	78 50	
Centre Stones.....	30 62	
Elliott, "Contract" Sidewalk.....	2,041 53	
Repairs.....	84 39	
S. Jones, half cost sewer.....	101 38	
Sundries.....	115 03	
		\$ 47,267 28
Cash on hand.....		1,766 01
		<u>\$403,242 06</u>

\$ 403,242 06

Victoria, January 12th, 1891.

CHAS. KENT,  
Treasurer.

## VICTORIA

## INTEREST AND SINKING FUND

## RECEIPTS.

Balance at Credit of Account, January 1st.....	\$ 80,201 52
Cash received from Corporation of Victoria, from January 1st to December 31st, to pay Appropriations for Sinking Fund .....	11,611 00
Interest allowed by Bank of British North America on amount at Credit of Sinking Fund.....	2,412 78

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 \$94,225 30

Certified Correct,  
**JAS. L. RAYMUR,**  
 Auditor.

VICTORIA  
 KING FUND

WATER WORKS.

ACCOUNT, DECEMBER 31ST 1890.

DISBURSEMENTS.

\$ 80,201 52

Balance .....

\$ 94,225 30

11,811 00

2,412 78

\$94,225 30

\$94,225 30

Victoria, January 12th, 1891.

CHAS. KENT,

Treasurer.

VICTORIA

CASH STATEMENT, JANUARY 1,

RECEIPTS.

Water Rents.....	\$ 41,384 76
Services Collected.....	2,219 00

\$ 43,603 76

Certified Correct,  
JAS. L. RAYMUR,  
Auditor.

VICTORIA

JANUARY 1,

## WATER WORKS.

TO DECEMBER 31ST, 1890.

## DISBURSEMENTS.

## CHARGES.

Salaries and wages.....	\$ 7,803 84
Meters.....	5,846 04
Hydrant boxes, pipe fitting, &c.....	1,518 57
Coal, Lumber, Printing, Hauling, &c.....	3,498 78
	\$ 18,668 13

## COUPONS FOR INTEREST REDEEMED.

\$100,000 Loan.....	\$ 6,317 50
50,000 ".....	3,500 00
20,000 " (1888).....	1,000 00
20,000 " (1877).....	1,600 08
75,000 ".....	3,750 00
70,000 ".....	3,500 00
60,000 ".....	3,000 00
	\$ 22,667 50

Corporation City of Victoria.....	\$9,268 13
-----------------------------------	------------

\$ 41,384 76  
2,219 00

\$ 43,603 76

\$ 43,603 76

Victoria, January 12th, 1891.

CHAS. KENT,  
Treasurer.

## VICTORIA

## BALANCE SHEET

## ASSETS.

Bank of B. N. A., Sinking Fund, etc.....	94,252 30
Construction Account.....	484,116 57
Corporation of City of Victoria.....	56,520 99

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\$ 634,862 80

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Certified Correct,

JAS. L. RAYMUR,

Auditor.



CTORIA  
 CE SHEET

WATER WORKS.

DECEMBER 31ST, 1890.

LIABILITIES.	
Debenture Account .....	\$ 387,500 00
Revenue Account, being Excess of Assets over Liabilities.....	247,362 80

94,252 30  
 484,116 57  
 56,520 99

\$ 634,862 80

\$634,862 80

Victoria, January 12th, 1891.

CHAS. KENT,  
 Treasurer.

## Auditor's Report.

VICTORIA, B. C., January 12th, 1891.

To His Worship the Mayor and the Board of Aldermen.

GENTLEMEN,

I have now the pleasure to hand you the following Statements: Balance Sheet as at December 31, 1890, and detailed statement of Receipts and Expenditure for the year 1890, also in connection with the Water Works Balance Sheet, Cash Statement, and Interest Sinking Fund Account. All of which will, I trust, be found in order.

Almost every department shows a gratifying increase of revenue over the estimate, the exceptions being, Water Rents, Road Tax, and Cemetery Fees. The shortage in the former is due firstly to the reduction in the price of water to 20c. per 1,000 gallons, and secondly to the fact of Mr. Partridge being laid up during the last two weeks of the year, a number of consumers who pay by the year, half year and quarter, were consequently not collected from. This has also had the natural effect of increasing the outstanding Water Rates, which are this year \$9,281.54 as against 8,856.06 at December 31st, 1889.

Under this head I would strongly recommend the appointing of an Assisant Water Collector, as the rapidly increasing population makes it impossible for one man to do the whole work, however energetic he may be; at the same time, having an assisnant would enable separate accounts to be kept with the Water Consumers; although of the first

importance, this is not done now, for the simple reason that there is no one to do it.

The small amount collected for Road Tax is due solely to the lack of an energetic and active collector. Instead of a paltry 800 there should be at least, out of a population of 25,000, 2,500 persons liable for Road Tax, this would give a revenue of \$5,000 instead of \$1,600 as this year.

Cemetery fees are less than the estimate by some \$275, and \$100 less than they were last year.

The total collections from ordinary sources amount to \$224,722.99 an increase of \$23,585.50 over the estimate.

The arrears of taxes, etc., with the exception of Water Rates, as already mentioned, are not nearly as large as they were last year, outstanding Real Estate taxes being \$6,308.24 less than at the beginning of the year. This is largely due to a Tax Sale having been held during the year, when a number of arrears, some of which had been standing for years, were closed out. By making this sale an annual affair the arrears can always be kept within reasonable bounds.

If there has been an increase in the Revenue so has there been a corresponding increase in the Expenditure. the only department that has not exceeded its appropriation being that of Street Lighting. A large amount has been spent to meet demands that were not expected at the beginning of the year, and some of which were almost forced on the Corporation. Among these I may mention Johnson Street Sewer on which was expended \$7,675.22 more than the amount borrowed. Application has been made to the Sewerage Commissioners for a refund of this amount, but so far without success.

Fire Plant in excess of loan \$2,878.35; School Tax \$6,468.23; Compensation for damages \$1,694.50. This

latter is for damages awarded by arbitration to various parties for loss sustained through altering the grades of the streets, and under the heading of "Miscellaneous" \$3,323.74, to meet various unforeseen expenditures which are continually cropping up throughout the year, and for which no estimate can possibly be made.

Owing to the large amount of litigation in which the City has been engaged this year the amount of Messrs. Eberts & Taylor's (the legal advisers) account comes this year to \$2,702.96 as against \$7,700 last year.

You will notice that, acting under authority of section 74 of the Municipalities Act 1890, the Government of British Columbia has been debited with \$322.64 being 25 per cent. of the amount expended by the Corporation "towards the maintenance of the poor and destitute."

During the latter part of the year By-Laws authorizing the borrowing of money for the following purposes were passed, viz:—

Sewerage . . . . .	\$300,000
Market Site and Building . . . . .	\$100,000
Crematory . . . . .	\$ 10,000

the Bonds for which have not yet been sold.

The Bank of British North America have advanced \$35,200 on the security of the Market Bonds and the first payment on account of the site has been paid.

Several items that have appeared in the Balance Sheets of former years, have this year been written off, viz:—

City Maps . . . . .	\$ 27.00
Street Gas Lamps . . . . .	100.00
Street Scraping . . . . .	225.00
Drainage . . . . .	5,582.71

this latter being the cost of the original Pickering plans plus certain later expenses of Mr. Pickering; now that the plans have no practical value they have been charged to the Profit and Loss Account.

An amount of \$3,400.21 has also been written off from Mr. Russell's Account, leaving a balance of \$2,000, this being the amount of the guarantee Bonds which will no doubt be paid eventually.

The valuations of Corporation Real Estate in the Balance have been made by Mr. Northcott, the Assessor; those of plant, etc., by the various heads of the departments taken from actual stock.

The Bank of British North America now advertise that they allow 4 per cent. interest on deposits; this will no doubt apply to our Sinking Fund Accounts which now only bear 3 per cent. The amount required next year to pay Sinking Fund and Debenture Interest amounts to \$73,177.28.

I would again strongly repeat my recommendations of last year to have the Municipalities Act altered to allow of the fiscal year ending on the 30 November, or perhaps, better still, to make that date the last on which taxes may be collected. On the last three days of the year nearly \$45,000.00 were collected, made up of upwards of 900 items. The bills for December were not finally passed until January 5th; to make all these various entries and then draw up the various statements in the short time prior to nomination day is almost an impossibility, as the greatest part of the work is of such a nature that only one man can work at it; this year, by engaging extra help, and working, I might say, night and day, the accounts are only ready on the afternoon of nomination day; every year the time gets less until the year when New Years day falls on a Sunday, there will only be five clear days to do the whole work, and by that time, if past years may be taken as a criterion, there will be a large

increase in the amount of work to be done. If the taxes were all collected by the 30th of November there would not be such a rush at the end of the year, and more attention could be given to the various statements than is possible in the short time at present available, and which their importance demands.

I have the honor to be, gentlemen,

Your obedient servant,

JAS. L. RAYMUR,

Auditor.



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importance

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AYMUR,

Auditor.

